

19980918.qrp v01\_n218.qrs.980918

Date: Fri, 18 Sep 1998 19:03:16 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 1218

QRP-L Digest 1218

Topics covered in this issue include:

- 1) [20391] Re: use of 88s  
by Jim Glover <psykey@okcforum.org>
- 2) [20392] Re: Am audio  
by Peter Larsen <larsenp@cadvision.com>
- 3) [20393] Alternative Power  
by "Jim Sharp" <lobar@doitnow.com>
- 4) [20394] Re: Am audio (overmod)  
by kaliic <kaliic@ime.net>
- 5) [20395] Re: Am audio  
by kaliic <kaliic@ime.net>
- 6) [20396] K2 progress?  
by Roger Hightower <n7kt@earthlink.net>
- 7) [20397] OH IF OUR RADIOS CUD SEE  
by ARDUJENSKI@aol.com
- 8) [20398] Re: pet peaves!!  
by Ab7wy@aol.com
- 9) [20399] Re: Am audio (overmod)  
by BADDBadger@aol.com
- 10) [20400] Re: K2 progress?  
by marion@montana.com
- 11) [20401] Re: List reorganization, proposal  
by Bob Hightower <ki7mn@dancris.com>
- 12) [20402] Re: Any QRPers at Roanoke Div Convention  
by Rick McNelly <72507.235@compuserve.com>
- 13) [20403] Nice QRP Stuff FS  
by "Stuart B.D. Hunt" <stuart001@ameritech.net>
- 14) [20404] FOX: NEW SEASON STARTS OCTOBER 7, 1998  
by "Paul R. Valko" <prvalko@oakland.edu>
- 15) [20405] Code Short Hand  
by "Ken & Linda Burrough" <ne0c@1st.net>
- 16) [20406] Re: lids and pet peaves!! (LONG)  
by "Randy Jouett" <nop@swbell.net>
- 17) [20407] y'all  
by Rick Sealey <rsealey@InfoAve.Net>
- 18) [20408] Mum's The Word (Was Re: Ham Lidism's)  
by "Randy Jouett" <nop@swbell.net>
- 19) [20409] Re: QRP-L Reorganization Proposal

by Tim Ahrens <tahrens@inetport.com>  
20) [20410] Re: Gel Cell  
by w4bws@juno.com (Donald E Sanders)  
21) [20411] Re: Azden PCS 400 schematic?  
by "Randy Jouett" <nop@swbell.net>  
22) [20412] Chuck  
by crc <crc@io.com>  
23) [20413] Re: Simple wire vertical for TTF  
by "Randy Jouett" <nop@swbell.net>  
24) [20414] Re: Alternative Power  
by W7LS <w7ls@blarg.net>  
25) [20415] My lazy Fox story  
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
26) [20416] RX Noise Bridges - Did you know...  
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
27) [20417] RS clearance items  
by ka7you@juno.com  
28) [20418] Re: lids and pet peaves!!  
by "KE6VHM Frank" <ke6vhm@earthlink.net>  
29) [20419] Re: Gel Cell  
by ARDUJENSKI@aol.com  
30) [20420] Re: RS clearance items  
by Mike Souhrada <wb9iog@revealed.net>  
31) [20421] Glass Caps-- Scout Mod  
by dave\_epps@juno.com  
32) [20422] Re: K2 progress?  
by Monte Stark <ku7y@dri.edu>  
33) [20423] Re: RS clearance items  
by RangerSF5@aol.com  
34) [20424] Lookin' for E-mail info  
by Alen Mitrovic <alenm@hermes.si>  
35) [20425] New Internal Pictures of K2 Tranceiver  
by "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>  
36) [20426] RE: clarification about RS closeout items  
by ka7you@juno.com  
37) [20427] Nor Cal Paddles  
by Jay Bromley <w5jay@alltel.net>  
38) [20428] Re: Am audio - REALLY  
by "Randy Jouett" <nop@swbell.net>  
39) [20429] fs Index Labs QRP+  
by CKolk@aol.com  
40) [20430] RE: Am audio - REALLY  
by "W. Kimura" <w.kimura@valley.net>  
41) [20431] QF-1?  
by ARDUJENSKI@aol.com  
42) [20432] Re: lids and pet peaves!!  
by "David Hurley, n2zhy" <n2zhy@amsat.org>  
43) [20433] Scout mod?

by Greg Weinfurtner <gweinfurt1@ohiou.edu>  
44) [20434] Update on Zack Lau, W1VT  
by "Ed Hare, W1RFI" <ehare@arrl.org>  
45) [20435] Re: RX Noise Bridges - Did you know...  
by John Bohnert <johnb@elmhurst.edu>  
46) [20436] RE: Gel Cell  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
47) [20437] Re: Scout Mod / Hints & Kinks  
by Charles Kadesch <chas@digizen.net>  
48) [20438] Re: Am audio - REALLY  
by kaliic <kaliic@ime.net>  
49) [20439] Re: Am audio - REALLY  
by kaliic <kaliic@ime.net>  
50) [20440] Re: New Internal Pictures of K2 Tranceiver  
by Roger Hightower <n7kt@earthlink.net>  
51) [20441] K2  
by marion@montana.com  
52) [20442] Mike Bryce's email address?  
by Paul Erickson <paule@sfu.ca>  
53) [20443] Code Short hand - LIST ATTACHED  
by Tim Billingsley <kd5ckp@bellsouth.net>  
54) [20444] the big one  
by Brad Mugleston <bmug@gwl.com>  
55) [20445] LY Hams  
by Brad Mugleston <bmug@gwl.com>  
56) [20446] striping house wire  
by Brad Mugleston <bmug@gwl.com>  
57) [20447] WTB: BC-906 freq meter  
by Tom Cooper <cooper@gmpvt.com>  
58) [20448] RE: RS clearance items  
by pabraham@NOKNHM01DA.ntc.nokia.com (Abraham Peter NTC/Dallas)  
59) [20449] RS HTX 204 dual band  
by Tim Billingsley <kd5ckp@bellsouth.net>  
60) [20450] Re: RS clearance items-Post Correction  
by Mike Souhrada <wb9iog@revealed.net>  
61) [20451] Re: Am audio - REALLY  
by w4bws@juno.com (Donald E Sanders)  
62) [20452] TTF, ready or not..  
by Steven Weber <kd1jv@moose.ncia.net>  
63) [20453] Vertical question  
by Steven Weber <kd1jv@moose.ncia.net>  
64) [20454] New Keys from Morse Express  
by "Marshall Emm" <mgemm@mtechnologies.com>  
65) [20455] Re: Am audio - REALLY  
by kaliic <kaliic@ime.net>  
66) [20456] Re: RS HTX 204 dual band  
by Michael Maiorana <mikemo@ibm.net>  
67) [20457] Re: RS HTX 204 dual band

by Tim Billingsley <kd5ckp@bellsouth.net>  
68) [20458] Re: RS clearance items  
by nhoop@centuryinter.net (N H)  
69) [20459] Computer Osc. package  
by "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>  
70) [20460] Re: 5/8 GP on Rotor  
by George Gingell <k3tks@u1.abs.net>  
71) [20461] MFJ SWR Analyzer  
by nhoop@centuryinter.net (N H)  
72) [20462] Re: Vertical question  
by dave\_epps@juno.com  
73) [20463] QSL Program  
by "John J. McDonough" <jjmcd@tm.net>  
74) [20464] Re: Catch 22 ??  
by DYARNES@aol.com  
75) [20465] Thanks for the help re Kite-Supported Antennas  
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
76) [20466] Re: New Keys from Morse Express  
by Vic Rosenthal <rakefet@rakefet.com>  
77) [20467] Re: New Keys from Morse Express  
by "Marshall Emm" <mgemm@mtechnologies.com>  
78) [20468] Re: Computer Osc. package  
by Michael Maiorana <mikemo@ibm.net>  
79) [20469] Impressive YL Ham.  
by Ed Loranger <we6w@qsl.net>  
80) [20470] Re: Am audio  
by "laura halliday" <marsgal42@hotmail.com>  
81) [20471] FW: Computer Osc. package  
by E.Jessen@orion-consulting.com  
82) [20472] FS OHR-400/w KC-1  
by SABorns@aol.com  
83) [20473] Radio Shack DX394 closeout  
by "Michael A. Gipe" <mgipe@reliablemeters.com>  
84) [20474] Fox season  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
85) [20475] Fox Season  
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
86) [20476] Re: Simple wire vertical  
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
87) [20477] FOX: Fox Season  
by "Paul R. Valko" <prvalko@oakland.edu>  
88) [20478] Re: QSL Program  
by Roger Hightower <n7kt@earthlink.net>  
89) [20479] On-Line Telegraphy Book. Read it and Reap!  
by Ed Loranger <we6w@qsl.net>

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Date: Thu, 17 Sep 1998 23:07:47 -0500 (CDT)  
From: Jim Glover <psykey@okcforum.org>  
To: qrp-1@Lehigh.EDU  
Cc: ac5ez@webtv.net  
Subject: [20391] Re: use of 88s  
Message-ID: <199809180407.XAA04867@okcforum.org>  
Content-Type: text

Larry (ac5ez@webtv.net) wondered:

> I was told by a YL many years ago that 88s was to be used only between  
> two hams who had a personal relationship such as husband/wife,  
> parent/daughter etc. Since then I have never used it except when signing  
> off with the wife or daughter (both are hams). Has the use of 88s  
> changed?  
> Is it now proper (or perhaps always was) to use it after casual qsos  
> with any YLs ?

Perhaps the difference is phone, vs. CW. I have never received the  
88 message in a voice exchange, but the majority of females I've  
QSO'ed on CW have signed with 88 either in addition to, or instead of,  
73

--Jim WB5UDE

-----  
Date: Thu, 17 Sep 1998 23:22:51 +0100  
From: Peter Larsen <larsenp@cadvision.com>  
To: ac5ez@webtv.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20392] Re: Am audio  
Message-ID: <36018BBB.C00FB03E@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>I wonder if we will talk about Cw that way , some day?  
> Larry Ac5ez

With any luck, Yes.

Have fun  
Peter  
VE6YC D021wc

-----  
Date: Thu, 17 Sep 1998 16:33:04 -0700  
From: "Jim Sharp" <lobar@doitnow.com>  
To: "QRP group" <qrp-1@Lehigh.EDU>  
Subject: [20393] Alternative Power  
Message-ID: <000301bde293\$850af680\$1e7e3cd1@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Greetings

For those industrious types, an old bicycle frame and wheel can be used to make a fair wind generator, Purchase a standard bicycle generator, fabricate some propeller blades, attach "all" to the old wheel and stick the whole assembly up in a breeze.

A full wave bridge rectifier and a simple 12Vdc regulator and "voila" shud be gud for 6 to 10 watts of power.

OR: Just turn an old bike upside down and turn the crank by hand and send with the other hand.

Thought I saw the wind version in Mother Earth magazine, a long time back ! Most discount stores like Walwart sell these generators. Think they drive a 6 Watt filament bulb. Remember it's AC so you need to DC-if-eye it.

cul Jim -- KC7GHP --- Peoria, AZ

-----  
Date: Thu, 17 Sep 1998 19:34:54 -0700  
From: ka1iic <ka1iic@ime.net>  
To: BADDBadger@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20394] Re: Am audio (overmod)  
Message-ID: <3601C6CE.7FF9@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi all,

There were several different methods ( I have tried none of them as I see them as gimmicks) but, And I may be wrong, I believe it is possible to go beyond 100 percent modulation in the negative peak cycle. The story goes that negative peaks don't cause the splatter like the positive peaks. I do know that this has been used in the Commercial broadcast industry for years with out any ill effects. But the big boys have equipment like we can only dream of. Negative feed back on an AM modulator can smooth out the audio peaks and give a richer and more true reproduction of a persons voice.

Well so much for that bit of trivia :-)

73  
Vince  
ka1iic  
-.-.-

BADDBadger@aol.com wrote:

>  
> In a message dated 9/17/98 12:39:29 PM, jwodell@ameritech.net writes:  
>  
> >How the devil did you get greater than 100% modulation without  
> >clipping diodes or something?  
> >  
> >Funny story from my broadcast days. Our chief engineeer was  
> >really pleased that our frequency meter always read "0". Years and  
> >years. One day I checked the tubes, and the 5U4 was burned out.  
> >From then on we were 5 hz off. He got mad a me for checking the  
> >tubes. You figure!  
> >  
> >73 jerry w8gnd  
>  
> The object is to never allow the negative swing of the modulation to cause the  
> instantaneous voltage of the final to get below the voltage "knee" of the  
> characteristic curve (usually about 100 volts or so). In effect the negative  
> peaks were clipped or amplified at an unsymmetrical rate in relation to the  
> positive peaks. If the instantaneous voltage of the final stage is allowed to  
> get too low, splatter occurs.

-----  
Date: Thu, 17 Sep 1998 19:40:19 -0700  
From: ka1iic <ka1iic@ime.net>  
To: larsenp@cadvision.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20395] Re: Am audio  
Message-ID: <3601C812.2C7E@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Yes and soon we'll be talking about SSB and packet pactor etc when  
spread spectrum takes over.

73  
Vince  
ka1iic  
-.-.

Peter Larsen wrote:

>  
> >I wonder if we will talk about Cw that way , some day?  
> > Larry Ac5ez  
>  
> With any luck, Yes.  
>  
> Have fun  
> Peter  
> VE6YC D021wc

-----  
Date: Thu, 17 Sep 1998 16:43:26 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20396] K2 progress?  
Message-ID: <36013C2E.EB02B44C@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi folks,

I'm getting a little twitchy about the K2, since it's about ready to  
enter the field test part. Does anyone have more info since the great  
Japan trip?

Like, availability dates, more pictures (I don't think I've seen one of



the board), and stuff like that?

The urge to build is coming on....I need a fix.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-----  
Date: Thu, 17 Sep 1998 19:57:24 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@Lehigh.EDU, nwq-l@scn.org  
Subject: [20397] OH IF OUR RADIOS CUD SEE  
Message-ID: <8199effc.3601a1e4@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

I was testing out some of the antennas to be used Saturday for QRPTTF and 20 ssb QRP. A 59+ station K2BR was booming in and I put out the return call. Well I managed to stay in the chair as I got the 59 signal report back. He was using 200 w but when he found out I was a bit less than ten watts he turned his down. To his surprise he was still putting out a 58. We chatted a bit about QRP and soon he started to give me a report on the scenery. He was on the boardwalk only yards away from the MISS AMERICA pagent. There goes lasts years reigning Miss America...And nhere are some of the contestants...and .. and and only if radios had eyes.

QRP SSB does work well if the right antlers are raised.A great qso coast to coast. No, no beam. Just my trusty old DOUBLE ZEPP...Alan KB7MBI

-----  
Date: Thu, 17 Sep 1998 20:03:31 EDT  
From: Ab7wy@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [20398] Re: pet peaves!!  
Message-ID: <c875b994.3601a353@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 98-09-17 16:11:58 EDT, you write:

<<

My pet peeve is people who don't know how  
to spell the word correctly! >>

ah hell! i spelled it wrong too. im just sitting here watching the fireworks...i was even quoted as being a "newbie" due to my simple observation about "hihi" on phone....i said "even i feel awkward for the guy" who says "hihi" on phone (or something like that). it doesnt mean i jump in and tell him to quit...or even that he is a bad operator....it just sounds funny!! as in hihi!! ive only been doing this hobby for a mere 15 years...not 50 or so, but i still have fun with it in any form.

you know, come to think of it...when i was studying for my ticket in 83, i would listen on the air to operators talking to one another, when i would hear one of them say "hihi" (and i knew what it meant) it caught me off guard, why didnt he just laugh?? if something is funny, and yes i enjoy humor, i will laugh about it. oh well.

all through my life it seems that i am bugging someone with my frankness...so i dont care anymore....i wasnt being overly offensive, i enjoy my life and i enjoy my hobby.

so, in my own defense, i will state these facts from this qth...oops. i however dont oppose using q signals on phone, ive done it. it gets a point across in a much shorter amount of time...but thats just me.

ok, i promise not to contribute to deteriorating this reflector further...as a matter of fact...i apologize for even bringing this on to this otherwise very fine reflector.

ive said my peace, i have some qrp plans for the future involving kayaking and IOTA, so i wont say anything else to disrupt the flow....thanks for listening...or make that reading.

73....Adam, AB7WY

soon to have a new fangled vanity call..darn newbie!

-----  
Date: Thu, 17 Sep 1998 20:04:26 EDT  
From: BADDBadger@aol.com  
To: qrp-l@Lehigh.EDU  
Subject: [20399] Re: Am audio (overmod)  
Message-ID: <86952d3f.3601a38a@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 9/17/98 7:43:37 PM, ka1iic@ime.net writes:

>Hi all,  
>

>There were several different methods ( I have tried none of them as I  
>see them as gimmicks) but, And I may be wrong, I believe it is possible  
>to go beyond 100 percent modulation in the negative peak cycle. The  
>story goes that negative peaks don't cause the splatter like the  
>positive peaks. I do know that this has been used in the Commercial  
>broadcast industry for years with out any ill effects. But the big boys  
>have equipment like we can only dream of. Negative feed back on an AM  
>modulator can smooth out the audio peaks and give a richer and more true  
>reproduction of a persons voice.

>

>Well so much for that bit of trivia :-)

>

>73

>Vince

>ka1iic

>-.--.

>

>BADDBadger@aol.com wrote:

>>

>> In a message dated 9/17/98 12:39:29 PM, jwode11@ameritech.net writes:

>>

>> >How the devil did you get greater than 100% modulation without

>> >clipping diodes or something?

>> >

>> >Funny story from my broadcast days. Our chief engineeer was

>> >really pleased that our frequency meter always read "0". Years and

>> >years. One day I checked the tubes, and the 5U4 was burned out.

>> >From then on we were 5 hz off. He got mad a me for checking the

>> >tubes. You figure!

>> >

>> >73 jerry w8gnd

>>

>> The object is to never allow the negative swing of the modulation to  
>cause the

>> instantaneous voltage of the final to get below the voltage "knee" of  
>the

>> characteristic curve (usually about 100 volts or so). In effect the  
>negative

>> peaks were clipped or amplified at an unsymmetrical rate in relation  
>to the

>> positive peaks. If the instantaneous voltage of the final stage is allowed  
>to

>> get too low, splatter occurs.

In high-level plate modulation, significant audio power is required. Whenever the instantaneous plate voltage of the final stage gets too low (negative modulation swing), that tube (assumed to be a vacuum tube) will be cutoff and that audio power has to go somewhere- hence, splatter.

-----  
Date: Thu, 17 Sep 1998 19:10:26 -0600 (MDT)  
From: marion@montana.com  
To: qrp-l@Lehigh.EDU  
Subject: [20400] Re: K2 progress?  
Message-ID: <199809180110.TAA20104@paw.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>Date: Thu, 17 Sep 1998 18:09:05  
>To: n7kt@earthlink.net  
>From: marion@montana.com  
>Subject: Re: K2 progress?  
>  
>At 04:43 PM 9/17/98 +0000, you wrote:  
>>Hi folks,  
>>  
>>I'm getting a little twitchy about the K2, since it's about ready to  
>>enter the field test part. Does anyone have more info since the great  
>>Japan trip?  
>>  
>>Like, availability dates, more pictures (I don't think I've seen one of  
>>the board), and stuff like that?  
>>  
>>The urge to build is coming on....I need a fix.  
>>--  
>>72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ  
>>  
> field testers have been notified to send there orders in. Thats fifty  
lucky folks(yes I'm one!! YAH000!!). I dont know more than that. 72/73 Roy AB7CE  
>

-----  
Date: Thu, 17 Sep 1998 17:39:00 +0000  
From: Bob Hightower <ki7mn@dancris.com>  
To: b2bn@hotmail.com  
Cc: qrp-l@Lehigh.EDU  
Subject: [20401] Re: List reorganization, proposal  
Message-ID: <4.0.2.19980917173824.00c72b10@mail.dancris.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:40 AM 9/17/98 -0700, you wrote:

>Just an Idea:

> Has anyone ever thought of changing the format from a list server to  
>discussion board on a website. The website could have compartmentalized  
>lists for techinfo/propagation reports/humor/general technical info,  
>etc. That way the people who  
>do not appreciate the humor or non QRP talk could get their info, while  
>the rest of us try to help each other out any way they can. Ive got  
>about 20 megs of web space to play with that I will be happy to  
>donate...  
>

How 'bout doing it the other way around? Leave the list for the real QRP  
stuff, and the web server for the off-topic stuff?

Bob Hightower KI7MN <http://www.dancris.com/~ki7mn>

-----  
Date: Thu, 17 Sep 1998 20:41:39 -0400  
From: Rick McNelly <72507.235@compuserve.com>  
To: qrp-l@Lehigh.EDU  
Subject: [20402] Re: Any QRPers at Roanoke Div Convention  
Message-ID: <199809172044\_MC2-59CB-B1B2@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline  
Content-Transfer-Encoding: 7bit

Yep,  
I'll be at the Virginia Beach Hamfest and well be hosting a QRP forum at 3pm in  
Conference Room # 1.

Just an informal talk about QRP and kitbuilding. Please stop by and bring  
something to show off if you can!

72/73's,

--Rick, KE4IZH

QRP-L # 493  
72507.235@compuserve.com  
Chesapeake, Va.  
MP2.1K

-----

Date: Thu, 17 Sep 1998 20:02:41 -0500  
From: "Stuart B.D. Hunt" <stuart001@ameritech.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20403] Nice QRP Stuff FS  
Message-ID: <3601B131.B7E6501B@ameritech.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=x-user-defined  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Transceiver QRP+ 160-10m ssb/cw portable rig with  
mike, manual and updated EPROM . \$350 , shipped  
CONUS.

MFJ 9420 ssb with cw attachment, mike and  
manual. Great, v. portable  
\$150 shipped CONUS

MFJ 9020 cw with keyer and manual. 20m is hot  
these days!  
\$100 shipped CONUS

Timewave DSP-9 knocks out noise. Good with all  
above, manual. \$75 CONUS

Radio Shack DSP filter helps on phone and cw.  
Manual \$50 CONUS.

Reason for selling: toomuch stuff/duplication

Stu Hunt KB9NAE  
847-295-6941

-----  
Date: Thu, 17 Sep 1998 21:55:10 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Kevin Muenzler WB5RUE <wb5rue@stic.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20404] FOX: NEW SEASON STARTS OCTOBER 7, 1998  
Message-ID: <Pine.OSF.3.95.980917215027.14753A-1000000@vela.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

We are still pounding out the fox list for this season.

All the gory details will follow shortly. Stay tuned!!!

In the meantime, please preface all FOXHUNT related posts with the word, "FOX:" Like I did in the SUBJECT of this message. Let all the filters work their magic.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 17 Sep 1998 21:46:23 -0400  
From: "Ken & Linda Burrough" <ne0c@1st.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [20405] Code Short Hand  
Message-ID: <004d01bde2a7\$d5e4cf40\$ea07f0d1@ne0c.1st.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi All

Steve KD1JV wrote about there not being a Published List of Common Abbreviations. Yes Steve this has been a sour point with me for years. I have always used 40 meters in the day time and I can tell everyone that abbreviations are local. I am retired U S Air Force and moving around introduced some abbreviations that only the local's could understand. Then N0JDW who was a Army Morse Operator, knew every Army abbreviation and used them. I had to ask him to use ENGLISH. An Standard List of Common Abbreviations is needed.

I have used a keyboard for cw operating for about 12 years now, my current set up is the Model 493 MFJ Super Menu Driven Memory Keyer with keyboard. I can and do use abbreviations but if the other operator does not, then I don't either. That way everyone is happy.

72 from The Buzzard Roost, Flushing, Ohio

Ken/ne0c

-----  
Date: Thu, 17 Sep 1998 21:05:12 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <wb5rue@stic.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20406] Re: lids and pet peaves!! (LONG)  
Message-ID: <002001bde2a8\$dd5c78d0\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

<snip>

Talk about some creative snipping and additions, Kevin! LOL!  
I don't play that game, so I'll just answer your NEWBIE statements  
one at a time and in CONTEXT.

>No, it's not like that at all. I do agree that hams have a  
>certain "lingo" but then so do doctors, lawyers, construction  
>workers, computer programmers, Cajuns, Texans.... Just because  
>you don't like the "lingo" doesn't make it lidism. What you  
>are doing is just like walking into a room of "southerners"  
>and saying "Gee guys, you sound stupid." You'll get a great  
>response out of that. If you don't like the way we (hams)  
>talk on the air then stay off the air. No one is forcing you  
>to listen or talk the way that we do.

Man -- talk about putting words in my mouth! I notice that  
people do that when that don't have valid arguments or  
when their defense is a little shakey. HMMMM.

As a matter of fact, I like lingo. What I hate, OTOH, is  
INCORRECT usage of lingo! For example....

What in the heck is "Q R Zed the frequency" supposed to mean,  
for instance? "Frequency, are you calling me?" I do, however,  
understand -- without any doubts at all! -- what usually follows  
Q R Zed the frequency.... "Is the frequency in use?"



I also wonder what a DX amateur (who might not speak English too well) would think about "Q R Zed the frequency. Is the frequency in use?" First, he'd look at "Q R Zed the frequency," probably understanding that "Q R Zed" was QRZ. Well, he knows that one. QRZ = "Who's calling me!" Then he would say, "Ok... 'll listen up and see if I can hear the station that was calling him." He waits. Nada. Zilch. Nil. "> /dev/null." Then he hears another "QR Zed the frequency. Is the frequency in use?" "Hmmm." he says. Is the frequency in use. Must be two amateurs on the same frequency, with one ham listening for a station that was calling him, and the other, who sounds exactly like him -- his twin brother? -- asking if the frequency is in use! Cool!!! I'll wait, and when the first station tells his twin brother that the frequency is in use, I'll wait for his brother to leave the frequency, give the dial a spin or two, and maybe I'll hear his brother and work him!!

Of course that kind of reasoning would only take place if the DX ham was fluent in English. But what the heck -- this is creative, Kevin-induced quoting and logic, so who cares!! :^)

Hey, I've been a ham longer than you have, NEWBIE, so quit all of this "if you don't like the way we hams" BS. With that "we" BS, I guess I'm excluded from that group? LOL!

I guess that you have something against newbies with all this "NEWBIE ALERT" crapola you use further down. As a matter of fact, more than likely, new modes of operation will probably be developed by these so called "newbies." Think about it.

I also think that you probably don't Elmer too often with your distaste for newbies. Wow! This Kevin logic is GREAT stuff! I'll have to remember to use it in other conversations as well!!!

```
>>> i feel awkward just hearing someone else on phone respond to a funny
>with
>>>"HIHI", i just want to jump in and say "hey, hi there, hello!!"....it may
>be
>>>cute to end your phone contact by saying "dit dit", but thats just being
>cute
>>>only, how long before we start hearing a phone qso go something like:
>
>Here's the key, ** it makes him feel awkward. ** So just because
>he feels awkward the other guy is a lid? Now there's a revelation!
>You, as a newbie, measure others by the standard of YOU. Political
>correctness rears its ugly head again! There's a saying --
>GET OVER IT or get out of it!
```

With all of this creative "let's make Kevin look like the good guy"

snipping, it's kinda' hard to follow what's making him feel awkward. First off, "I feel awkward" was HIS (Adam's) reponse and had nothing to do with the station he was talking with. Talk about flipping things around conviently! U been sniffing burn't-out flip-flops or something, Kevin? Is this the secret to your logic?

Also, are you saying that the lid using "hi hi" on phone for laughter is doing this because he feels awkward? He should, that's for sure! Talk in complete sentences so we can understand next time, Kevin. GRAMMATICAL LID ALERT!!!

>>Agreed! One thing that I've noticed: if a ham uses "hi hi" on phone, >>he/she hardly ever uses the mode. They are usually 95% CW, and >>they totally dominate the conversation. I have no problem with long->>winded conversation on CW...it's expected, but not on phone.

>Who are you to determine the ratio of cw/phone that a person uses >just by their expressions? Just because he gets his extra he thinks >he is the new standard of conduct on the air. NEWBIE ALERT!

I'm me, that's who! What do I mean by this? I have experiences in life (and ham radio) and set my level of judgement based on these experiences. Read: "my" experiences. That doesn't mean that they are correct, of course! In "my" experience, cw operators brought this crapola to the phone portions of the band. I'm an AVID low power (QRP) and CW operator, btw.

Let's say that I'm 100% off the mark here, Kevin. [There's some good flame material for ya' :^). ] I'll play devil's advocate on myself here and see what I come up with.

CW was the first mode of operation we had. (You're not included in this "we" statement, of course. I wasn't included in yours, so you're not included in mine :^p). It took a long time for the old telegraph operators to send useful information spelling everything out, so they came up with Q-signal abbreviations for commonly used terms. They also shortened up other words (such as guess to gess or night to nite, for example) to make the conversations go more quickly and smoothly. Then someone gets the bright idea on modulating a carrier and we have a new mode of operation -- AM phone.

It was natural when phone came of age for hams to bring Q signals into this new mode of operation. This is how we've been operating for years, and this is how we "talk" to eachother. This is our lingo! But there's only one problem with this...

Q Signals were created for "CW" operation and not for phone. Once phone was introduced, there was no reason for Q signals to be used. However, this went against the "this is our lingo and defines us as a group" grain obtained from CW, so Q signals on phone were "ok by me" and remained.

Some operators, IMHO -- and this is my opinion, right or wrong! -- are under the impression that use of Q signals enhance phone operation. Nope -- it's just lingo on phone and adds to the confusion.

>>Not only that, but they expect a round-table discussion to go in a  
>>specific order, as in you're #1, I'm #2, and they're #3, even  
>>if it was a casual free-for-all before they broke in! OH -- and they  
>>broke into the conversation with "Break! Break! Break!"  
>  
>  
>What's wrong with a little order? If it's the way the group has  
>operated why does it need to change just because YOU don't like it?

Nothing's wrong with a little order, but I have a BIG problem with this when a ham breaks in and tries to change the format around to this you're #1, I'm #2, and so-and so's #3 BS! And NO -- I don't expect my opinion to change the way they operate, unfortunately. This particular "order" is actually mayhem. Let me explain the way \*I\* see it.

First of all, in a round-table discussion such as this, the conversation starts to become work. "Ok...Kevin said this...here's my comment on that. OK, op #2 said this...let me write that down....Ok. op #3 is changing the topic, make a mental note...op #4 is commenting on Kevin's comment and changing the topic yet again. Mayhem! Can you imagine what this would be like with 15 operators in the discussion? Can you imagine what this would be like if we did this at Dayton in public?

Unfortunately, conversation just doesn't work this way, either in public or on the air. In large groups, a few people do all the talking, with the others injecting their opinion or comment when appropriate, and not when someone tells them to or in a specific order. Why do you think that break is used? To interrupt and inject a comment to begin with! This #1, #2, #3, #N junk is plain and simple lid-city operation. It is very appropriate, however, when used in traffic nets and the like, and you can be dang sure that you're going to hear "break," either on CW or phone. Used in rag-chew, round-table discussions is lid-city operations, in my book.

>>That's another one that gets my goat: using the world-over emergency  
>>signal to interrupt a conversation to ask if you know W5xxx or  
>>for a singal report.

>

>I do agree, one "break" should be sufficient. If you are not  
>recognized then they probably don't want you in the conversation.  
>What's wrong with that? There is nothing in the FCC rules that  
>says that an ongoing QSO must allow new participants. Breaking  
>in and demanding to be recognized is LIDISM at its worst.

I completely and total agree, and that's why I don't break into conversations unless I have something intelligent to add to the conversation. Also, I'd only do it if someone asked a question that the others couldn't answer or if there were only a small number of people talking. Is that a "roger contact?" That's the newest one I've heard, by the way.

>>What's wrong with, "AB7WY, this is AB5NI." If that  
>>doesn't work: "Hey, this is AB5NI, and I just thought I'd  
>>pop in and say hello."

>

>What if they don't want any new participants in the group? That's  
>THEIR option and you have no place or authority to demand that they  
>allow you to participate. NEWBIE ALERT!

True. I agree whole heartedly!!! If they don't want anyone else in there, that's fine. BTW, who ever said that I did this crap? I was flamming LIDS for doing this and for using "break, break, break!" I was showing them the correct way of doing things, in my every so humble NEWBIE opinion. Not that I'm the sage of information or anything (let people make up there own minds), but you can be dog-on sure that I'm not afraid the throw up my opinion, and I'll do that any time I please. If some people don't like that opinion, cool. That's "their" opinion, and I respect it. Another convenient flip-flop of roles here? LOGIC NEWBIE ALERT!

>It irritates me is when I am in a conversation with a friend in a  
>"rare" DX country and some LID/NEWBIE breaks in repeatedly. I regularly  
>talked with TI9S (now SK), in Costa Rica. Not a "rare" country but not  
>all that common. It never failed, someone would "break break break....".  
>Sometimes we'd be on 1/2 hour ragchews and have twenty or thirty breaks.  
>Usually we'd take a break every few minutes so that he could take a  
>few stations. He's make a note of all who broke in during our conversation  
>and make a point of NOT answering them.

As he should! I wouldn't answer them either! If they can't tell that you're in a rag-chew with a friend and just want to shoot the breeze undisturbed, then to heck with em! BTW, you just voiced yet another lidism. This could tick some people on here off, so be prepared for some flame mail!

>  
><snip>

More creative "let's make this go my way" snipping. LOL!  
And please don't try to pawn that "this conversation is way to big and I had to chop it" crapola off on me. Yeah! Right! Sure! This conversation was too long ages ago.

>>  
>>Yep -- I can see it coming, Adam! "That's a BIG QSL, OM!" Here's another:  
>>How about saying, "Fine business" on phone....YAK!  
>  
>What's wrong with "fine business?" That's where "FB" came from on CW.  
>Just because that expression isn't used much any more or in your part  
>of the country you ridicule it. NEWBIE ALERT!

Because FB (fine business, which means "you did a good job on your last transmission, btw) is a "CW" term and doesn't belong on phone.  
IGNORANCE ALERT!!!

>>Seriously, I was thinking about asking for W5LID when renewal time  
>>arrives and acting like a TOTAL LID when I got on the air. :^)  
>  
>Maybe it will fit....

It probably will, especially if I take your advice and use your operating practices!

>  
><snip>  
>>  
>>Almost forgot!! I'll also make sure that I "Q R Zed the frequency..is  
>>the frequency in use" every time I'm "QSYing" to a new freq.  
>>:^). I actually answered a Q R Zed the frequency... is the frequency  
>>in use with, "This is the frequency, and I wasn't calling you!"  
>>:^)  
>  
>Now this one is an "IGNORANCE ALERT". The United States is one of the  
>few English speaking countries that doesn't pronounce the letter "Z"

>as "zed." "ZED" is used on the air because the letter "Z" sounds like  
>the letter "E," more so if a "foreign" accent is added. That's the only  
>reason. It's a good habit that old timer hams have. That's the main  
>reason that ITU phonetics were developed also. Do you know all the  
>ITU phonetics? Have you heard of ITU phonetics? Do you know what  
>the ITU is? NEWIE ALERT!

I have NO problem with the use of phonetics on air for clarification. My statement was about "Q R Zed the frequency," which is a complete and TOTOL lidism. I won't even give you a newbie/ignorance alert on this one. This one comes in the category of complete TOTAL BS ALERT for trying to take my statements out of context and switching them around in your favor. What's the matter, Kevin? You can't stay on topic here or something?

>With an attitude like yours you sound like a newbie. It doesn't  
>matter what your callsign is/was, KB5YL or whatever. Besides KB5  
>calls haven't been around that long. You got your KB5YL after 1990  
>because that's when the KB5Y's were issued. So in my book you ARE  
>a newbie if only because of your attitude. Of course you could have  
>had a call before that but there is no way for me to easily tell.  
>LIDS will be around as long as there are hams like you to laugh at  
>them and ridicule them. Instead of putting so much energy into  
>ridiculing a new ham why don't you be an Elmer? We were all newbie  
>hams at one time. A newbie becomes a LID when there is no one around  
>to help him. Quit perpetuating the problem and start trying to solve  
>it, but fix your attitude first.

That KB5 call I had was issued in 1980, for your information. I think that you are confusing this with KB5 2x3 calls. Care to see a jpeg or gif of the original? How about my N5BZP call? I got those calls from the Beaumont FCC office, by the way, before all the VE stuff. I won't even mention the WN5 call I had in 1967 because I let it lapse (out of the country with my folks), and that doesn't count. If I did, that would make it 31 years, NEWBIE!

Also, who ever said that I wasn't an Elmer??? As a matter of fact, I've elmered around 15 to 20 hams, teaching them code, basic electronics, and some of them newbie computer science when they asked. And I'm not a "net" newbie, either. Been doing this "net" thing since 1981, and I was answering technical questions on the BIT and ARPA nets years before that.

I will say that you most definitely are a list-serv and net newbie. Adam, a few others, and I were just listing a couple of gripes. We were all getting along just fine, and then the flame-fest began. If you thought that something

in our conversation was upsetting or would upset the masses, as I'm sure this thread has, then you should have known better and taken it to e-mail. All the others that didn't like it torched me in e-mail, and I probably deserved it. As I said before, I didn't start this conversation. I was commenting on other remarks which I agreed with in the forum in which they were presented. None of us were flamming each other; we were just listing gripes. BTW, you'd be very surprised at how many hams that read this list agree with my comments!!!

I usually don't torch people like this in public, but when you drag it out into the open you can be DAMN sure that I'm going to keep it here as long as you persist. If you believe you have to have the last say-so in public, go right ahead. I sure in the heck won't read it or answer it, but I'll go as long as you want to in e-mail. Now, let's take this crapola to e-mail where it belongs! E-MAIL LIST NEWBIE ALERT!

Anywho, to end on a good note: That was a roger contact, Kevin. The personal here is Randy, in case you forgot. 73rds to ya, and I'll catch ya' on one of those fine business, hi hi flip-flops. Feel free to give us a "Break! Break! Break!" if you hear us in a round-table discussion, and don't worry about adding anything to the conversation that we were talking about. Just ask us for a signal report, and make sure to use a ton of Q signals, otherwise we might not understand you. Please make sure that you change the topic of conversation. Also, try to add order to the conversation when u do this by turning it over to a particular individual in a specific order, making sure that this person understands that he/she is supposed to turn it over to another station of your choice, even if this wasn't the format being used before you got there. Don't forget to remind him/her of this before you turn it over!!! Please don't worry if some of the stations in the round-table can't copy you. Just add a couple Q signals and we'll hear you loud and clear. We'll see you later....BIG QSL's to you and yours. This is AB5NI, signing off and out in the clear!

Randy "Putting my fuel-air bombs back in my pocket" Jouett  
AB5NI  
nop@swbell.net

-----  
Date: Thu, 17 Sep 1998 22:02:05 -0400  
From: Rick Sealey <rsealey@InfoAve.Net>  
To: qrp-1@Lehigh.EDU

Subject: [20407] y'all  
Message-ID: <1.5.4.32.19980918020205.01033320@mail.infoave.net>  
MIME-version: 1.0  
Content-type: text/plain; charset="us-ascii"

Kevin, on Tue, 15 Sep 1998 you said:

>Nope, sorry. The plural of y'all is not all y'all.  
>Y'all is either singular or plural depending on the  
>number of people present. All y'all is an emphatic  
>form of y'all and not the plural form. An example  
>would be "Now all y'all kids get your hind ends over  
>here before your paw gets home!"

>Kevin, WB5RUE

How could you be so disrepectful...you didn't capitalize Paw?!

Rick - W4SEA

-----  
Date: Thu, 17 Sep 1998 21:51:31 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20408] Mum's The Word (Was Re: Ham Lidism's)  
Message-ID: <004501bde2af\$3e7374b0\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ok, folks. I've defended myself in public long enough. If  
some people around here would have kept this in  
e-mail, this would never have taken place. Oh, well.

I read and reply while off line, so I didn't see Chuck's  
message to stop this topic. Sorry.

Randy AB5NI  
nop@swbell.net



-----  
Date: Thu, 17 Sep 1998 22:13:47 -0500  
From: Tim Ahrens <tahrens@inetport.com>  
To: adams@ticnet.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20409] Re: QRP-L Reorganization Proposal  
Message-ID: <3601CFEB.5B64AD7D@inetport.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

What I tell you... there's that dit dit! :-)

welcome back Chuck!

Tim W5FN

>  
> dit dit de QRP-L #1  
>

-----  
Date: Thu, 17 Sep 1998 22:54:33 -0400  
From: w4bws@juno.com (Donald E Sanders)  
To: wb5rue@stic.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [20410] Re: Gel Cell  
Message-ID: <19980917.231432.10342.2.W4BWS@juno.com>

What about these big 11 amphour and 17 amphour units that they say will start your car?

Donald E. Sanders W4BWS  
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937  
407-779-0222 Fax 407-779-0830  
E-mail to w4bws@juno.com  
My favorite QRP rig glows in the dark

On Thu, 17 Sep 1998 14:04:16 -0500 "Kevin Muenzler WB5RUE" <wb5rue@stic.net> writes:

>They also don't like very high discharge rates. It tends  
>to overheat the plates and causes them to warp and short out.

A good rule of thumb is not to discharge faster  
>than about the amp-hour rating.

>  
>Kevin, WB5RUE  
>

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 17 Sep 1998 22:17:48 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <ccart@dns.vidtel.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20411] Re: Azden PCS 400 schematic?  
Message-ID: <006a01bde2b2\$ea7b09f0\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>Anyone have a schematic or service manual for a 2M Azden PCS 4000? Right  
>now its QRPpppppp :) I'm getting picowatts out, just enough to tickle the  
>scope. Could be the final module, or pin diodes, or something else  
>entirely (no schema, can't tell). Gladly reimburse copying/postage. No  
>rush, this is a "loaner" rig and got it back with this "mod". :)  
>  
>72 all y'all (MD is south of the Manson/Nixon line)

Hi Chris,

As a quick fix, try putting your DVM across the emitter-base junction of the transistors near the tank circuit. If you see ".6" (point six) volts or something close, the transistor is good....go on to the next one. I've fixed many radios this way without a schematic. Give it a shot and let me know how it works.

Randy AB5NI  
nop@swbell.net

Date: Thu, 17 Sep 1998 22:23:45 -0500  
From: crc <crc@io.com>  
To: qrp-l <qrp-l@Lehigh.EDU>  
Subject: [20412] Chuck  
Message-ID: <3601D241.3B1A@io.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Good to have you back! How was the move?  
Charlie WA5KRF A-QRP#X QRP-L #1207  
Owner of more Pixies than the law allows

-----  
Date: Thu, 17 Sep 1998 22:47:21 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <kd1jv@moose.ncia.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [20413] Re: Simple wire vertical for TTF  
Message-ID: <007701bde2b7\$0b4cd880\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>I've decided to operate 20M for the TTF event. Last night I built a simple  
>three wire vertical, similar to the one diagramed in the ARRL antenna book  
>under portable antennas. Simply a vertical wire with two radials. For  
>insulators, I used quarter round pieces cut from 2" PVC pipe and drilled  
>some holes. For wire, I used some of Jim's TFF teflon #22.

What's Jim's TFF teflon like, Steve? I've never used it. What kinda' electrical  
properties?

>Thing I like about this antenna is it only needs one support and maximizes  
>the use of the feed line, as half the coax isn't in the air. Took less than  
>an hour to make.

Usin' my Beavis and Butt-Head voice...."Cool!" :^)

Here's a cheap source of stand-offs for ground-mounted verticals that my  
dad and I used to use in the 70's. Get a mayo jar, rip off all the paper,

throw away the LID :^), and go outside to your favorite antenna spot. Grab a hose and wet the area down real well. Turn the mayo jar upside down, and shove it into the ground, making sure that the dirt completely fills the jar. Make sure that the bottom of the jar sticks up in the air about 1 to 2 inches. Clear away the grass around the mayo jar (around 4 to 5 inches). Find a big tin can, cut off top and bottom of the can and push or lightly hammer the can into the ground around the jar, leaving it on an equal plane with the top of the jar. Put a stainless steal hose clamp around the can. Mount vertical on top of the mayo jar stand-off. Connect radials to tin can hose clamp. Connect shield of feedline to hose clamp. Connect center conductor to the vertical, close to the mayo jar.

This might be an old technique, but I haven't seen anyone mention this on the list. Good luck with your vertical, Steve!

Randy AB5NI  
nop@swbell.net

-----  
Date: Thu, 17 Sep 1998 20:50:10 -0700  
From: W7LS <w7ls@blarg.net>  
To: lobar@doitnow.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [20414] Re: Alternative Power  
Message-ID: <3601D872.2A0C@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gotta have a pretty stiff wind to run a bike generator. Don't get that much wind around here. The generators I see all over the place are all 6 volts, now. Used to be 12v, but haven't seen one for a coon's age.

Jim W7LS

Jim Sharp wrote:

>  
> Greetings  
>  
> For those industrious types, an old bicycle frame and wheel can be used to  
> make a fair wind generator, Purchase a standard bicycle generator,  
> fabricate some propeller blades, attach "all" to the old wheel and stick the

> whole assembly up in a breeze.  
>  
> A full wave bridge rectifier and a simple 12Vdc regulator and "voila" shud  
> be gud for 6 to 10 watts of power.  
>  
> OR: Just turn an old bike upside down and turn the crank by hand and send  
> with the other hand.  
>  
> Thought I saw the wind version in Mother Earth magazine, a long time back !  
> Most discount stores like Walwart sell these generators. Think they drive a  
> 6 Watt filament bulb. Remember it's AC so you need to DC-if-eye it.  
>  
> cul Jim -- KC7GHP --- Peoria, AZ

-----  
Date: Fri, 18 Sep 1998 03:47:00 -0400  
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
To: qrp-1@Lehigh.EDU  
Subject: [20415] My lazy Fox story  
Message-ID: <3.0.16.19980918025454.2fb739ea@som-uky.campus.mci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My only Fox story is the one about the 15 or so qsl cards  
that are still sitting on my desk, ready to go out "any day now".

My apologies to -  
AB7TK, W7QQQ, AE9K, K5OI, N0UR, N0TFI, W03B,  
W3CV, W2UX, VE7CQK, KI7MN.

I did manage to work 40 or so states /qrp over the Fox  
season, before, during, and after the pileups. That's a good thing.

If I can just get the cards out. Tommorrow for sure.

Now to see how qualifying comes out. Does W5FN get in  
on a past champion's provisional?

Did I say that right, Tim?

tu de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>  
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

-----  
Date: Fri, 18 Sep 1998 03:51:59 -0400  
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
To: qrp-l@Lehigh.EDU  
Subject: [20416] RX Noise Bridges - Did you know...  
Message-ID: <3.0.16.19980918035111.089fc9ea@som-uky.campus.mci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

In a qrp-l digest long, long ago, someone far, far away asked about the uses for an RX noise bridge. I don't recall anyone posting any replies to the list, so I thought I'd toss this out for consumption.

I've considered writing up something that deals with RX noise bridges, their construction, calibration, and use. There is a lot to be said about these often overlooked tools.

With a RX noise bridge and a receiver, you can -

- \* Determine the resonant frequency of an antenna
- \* Trim the antenna to resonance at a particular frequency
- \* Determine the impedance of an antenna
- \* Determine the resonant frequency of a series or parallel tuned circuit
- \* Determine the values of unknown inductors and capacitors
- \* Determine transmission line impedance
- \* Determine the electrical length of a transmission line
- \* Adjust antenna tuning units
- \* Test baluns

No, they do not have LCD direct reading displays. Yes, their use requires a little knowledge of the impedance transforming properties of transmission lines, and some math skills. No, they won't provide precision measurements (but with a lil messaging, they can get quite close). But for \$35 bucks or thereabouts (used), I think the RX noise bridge is one of the most inexpensive, overlooked pieces of equipment that an antenna experimenter can own. Want to know what your antenna system *\*really\** looks like? The RX noise bridge will help you see things a little clearer.

Discussion?

tu de Rich

Rich Dailey, KA8OKH <ka8okh@som-uky.campus.mci.net>  
The KA8OKH / KB4NPI Web - <http://www.qsl.net/ka8okh>

-----  
Date: Fri, 18 Sep 1998 00:19:57 EDT  
From: ka7you@juno.com  
To: QRP-L@Lehigh.EDU  
Subject: [20417] RS clearance items  
Message-ID: <19980917.203319.13183.8.KA7YOU@juno.com>

I was just allowed to look at a list of RS clearance items. The current list is some 1200 items long!

There is everything from DSS dish kits to computers to books, and even batteries.

The HTX 204 dual band HT is at \$50, Several books are under a dollar, and many more less than two. The "Now your Talking" book is listed at \$0.07 ( I don't know if this is a misprint). Sure it is an obsolete publication as far as some questions, but it is a good buy to give away to see if some friend might be interested. Even cheaper than the comic books.

There are headphones, HF digital SWR meter (\$17), antennas, and the RS 1 to 1300MHz Frequency counter is now listed at \$29.95. I already have one, but for that price I can dedicate one to the QRP station, and one to the VHF station. The RS ProbeScope is also on the discontinued list. This is kind of a dud by itself, with the wimpy little screen, but when hooked to a PC, it becomes much more useful for \$30.

I have no stock or other interest in RS, other than I do spend my share of \$\$ there, when the price is right, or I need the odd connector on sunday.

7 3,

Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

-----  
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Or call Juno at (800) 654-JUNO [654-5866]  
-----

Date: Thu, 17 Sep 1998 20:25:11 -0700  
From: "KE6VHM Frank" <ke6vhm@earthlink.net>  
To: <artm@t-com.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20418] Re: lids and pet peaves!!  
Message-ID: <015001bde2bc\$1118aa00\$03000004@ke6vhm>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Art es all,

        This is by far the BEST darn response I have read yet on this thread. My sentements exactly. I don't give a dam how they do it just as long as they answer the little CQ in the mud and I can log another QSO. Ham Radio IS A HOBBY. I really enjoy it if the operator on the other end is just learning. First thing i would tell themn is to calm down and enjoy the HOBBY.

        \$0.02 de Frank 72

From: Art Marshall <artm@t-com.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Thursday, September 17, 1998 9:58 AM  
Subject: FW: lids and pet peaves!!

>with all due respect.....

>I don't have any pet peaves. >73 es c ya l ya-all..... de W1FJI  
>

-----  
Date: Fri, 18 Sep 1998 00:23:57 EDT  
From: ARDUJENSKI@aol.com  
To: w4bws@juno.com, owner-qrp-1@Lehigh.EDU, qrp-1@Lehigh.EDU  
Subject: [20419] Re: Gel Cell  
Message-ID: <16420c40.3601e05d@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

I noticed in SEARS the large capacity gell cells for wheel chairs. They were all over 20 amphours. It seems these would give good service. Anybody had experience with them? Alan KB7MBI



-----  
Date: Thu, 17 Sep 1998 23:43:55 -0500  
From: Mike Souhrada <wb9iog@revealed.net>  
To: ka7you@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20420] Re: RS clearance items  
Message-ID: <3601E50B.820@revealed.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

ka7you@juno.com wrote:

>  
> I was just allowed to look at a list of RS clearance items. The current  
> list is some 1200 items long!  
> Rod Johnson KA7YOU from CN97ak near Issaquah, Wa.

Tnx for the post Rod  
You brought to mind a post of mine made earlier this month when I  
purchased  
the R/S 21-524 SWR/power meter for about \$15.  
I got it primarily for the 20watt range for QRP measurements which I've  
not  
been able to do accurately via a meter.  
I also just received the other side of my post today the OHR100A -40.  
Glad I did  
and tnx to all for the opinions of the various units available. My  
question  
is- has anyone else tried this meter? The OHR shows 10 watts out on the  
R/S  
meter and I know it should be in the order of 5 max. Or am I wrong about  
the  
output of the OHR? The R/S meter doesn't even have a schematic or say  
anything  
about calibration. Tempted to return it but will test in the 200 watt  
range  
against my 2 other meters of which the Drake W4 is reliable.  
Mike  
Le Claire, Ia

-----  
Date: Thu, 17 Sep 1998 21:33:55 -0700

From: dave\_epps@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [20421] Glass Caps-- Scout Mod  
Message-ID: <19980917.214919.16230.0.dave\_epps@juno.com>

Tks for the info on the glass caps. They are the little ones that look like little diodes. Glad to hear that they are useful. I will use them in my qrp projects.  
The Scout mod. is in Hints & Kinks 14th edition page 1-28. I don't have a scout I "was" thinking about getting one.  
Too many replies to answer individually. Tks agn.  
dave ab5pc morro bay, ca.

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Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Thu, 17 Sep 1998 22:13:43 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Roger Hightower <n7kt@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20422] Re: K2 progress?  
Message-ID: <Pine.SOL.3.96.980917221113.17069A-100000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Roger and all,

While I have no idea as to time line for the K2, I can say that when Eric and I had the QSO on 20m with him in Japan, it sounded just great!

No drift, chirp or anything else bad! Just good, clean CW.

Looks like a couple of AttaBoys are going to soon be needed for Eric and Wayne!

73, Ron,        SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 18 Sep 1998 01:24:54 EDT  
From: RangerSF5@aol.com  
To: wb9iog@revealed.net, qrp-l@Lehigh.EDU  
Subject: [20423] Re: RS clearance items  
Message-ID: <999886b2.3601eea6@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 9/17/98 11:46:08 PM EST, wb9iog@revealed.net writes:

<< the  
output of the OHR? The R/S meter doesn't even have a schematic or say  
anything  
about calibration. Tempted to return it but will test in the 200 watt  
range >>  
Place the unit in the power mode.  
Press the range button until you see\*2.000\* ,the 2 will drop out and you'll  
see 0.00.Key up your rig.

Press range again and you'll see 0.0.Key up the rig.  
Press the range button again (3rd time) you will see.0.Key the rig.  
Press the button again and you'll see\*AUTO\*Key the rig.  
This automatically set the calibration.  
It seems to work well with my rigs.  
Hope this helps you.  
Bob  
WA2HOQ

-----  
Date: Fri, 18 Sep 1998 07:25:16 +0200  
From: Alen Mitrovic <alenm@hermes.si>  
To: QRP-L@Lehigh.EDU  
Subject: [20424] Lookin' for E-mail info  
Message-ID: <7519EA69A7D4D111916400A0C955EF616FC301@hal9000.hermes.si>  
Mime-Version: 1.0  
Content-Type: text/plain

Anybody knows WC5F E-mail address?

73 de Alen /S53MA

> -----  
>

Alen Mitrovic

HERMES SoftLab	Phone : ++386 61 1865 323
Litijska 51	Fax : ++386 611865 270
1000 Ljubljana	E - mail : alenm@hermes.si
SLOVENIA	:S53MA@hermes.si
Europe	WebPage:http://www.hermes.si/

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-----  
Date: Thu, 17 Sep 1998 22:29:42 -0700  
From: "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [20425] New Internal Pictures of K2 Tranceiver  
Message-ID: <3601EFC3.4ABA8C90@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi,

In response to your requests we have placed some internal shots of the K2 on our web site in the 'news' section.

<http://www.elecraft.com>

72, Eric WA6HHQ

-----

Date: Fri, 18 Sep 1998 01:52:28 EDT  
From: ka7you@juno.com  
To: QRP-L@Lehigh.EDU  
Subject: [20426] RE: clarification about RS closeout items  
Message-ID: <19980917.220549.13183.18.KA7YOU@juno.com>

I've been inundated with requests --ALREADY--for more info about the RS discontinued items. I should have anticipated that.

I had just purchased a DX-394 shortwave receiver which was on closeout for \$150 (I think it is a neat little receiver for the money), and I asked the manager of our local store if a list of other closeout items was available. She said yes, and would get a copy for me to look at. She let me look at it several days later, after she had cut out some of the pricing info.

This list was dated 9/7/98 . Supposedly every store manager has access to anything on the list as long as stock remains. The list is sorted by RS P/N. Then it offers a cryptic description of the item, and info on stocking levels at that particular store, current retail price and the last catalog price, as well as to the status (discontinued or just reduced price etc) and warehouse location.

Keep in mind that some managers may not have the desire to make this available, but if you ask about a specific item or type of items, they might oblige you.

There was no indication on the list as to how many units of any particular item might remain somewhere in the system.

I hope this clears up some of the mail.

Thanks

Rod Johnson KA7Y0U from CN97ak near Issaquah, Wa. 160M thru 1296 MHz (3456MHz still in the wings)

---

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---

Date: Fri, 18 Sep 1998 01:22:12 -0500  
From: Jay Bromley <w5jay@alltel.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20427] Nor Cal Paddles  
Message-ID: <3601FC14.8F46A677@alltel.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Their back!!!

Just surfing the Vibroplex web site and saw something of interest at the bottom of their page. If you missed out on K8FF/Nor Cal paddle or want more, you might want to take a look at this. The web page is at ----

<http://www.vibroplex.com/>

The new Racers on the square chrome bases are pretty to look at also.

No personal interest, thought the group might benefit

73 de w5jay or

just Jay

Jay Bromley  
Fort Smith, AR.

-----  
Date: Fri, 18 Sep 1998 01:43:51 -0500  
From: "Randy Jouett" <nop@swbell.net>  
To: <kaliic@ime.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20428] Re: Am audio - REALLY  
Message-ID: <013201bde2cf\$b34393e0\$210aa8c0@aldebran>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>Hi Red,  
>  
>I don't know about pointing the beam with the wind but I've seen more  
>that one 5/8 ground plane with rotors on them... figure that one out...  
>  
>Vince  
>kaliic

I'll give it a shot :^). How about this: they had an old TV antenna, ditched it when they got cable TV, and placed a vertical on the rotator because it had all of the necessary mounting equipment was built in. That is, decent a decent pair of U-Bolts and a solid foundation. Also, since it was for TV originally, it wasn't strong enough to hold a tri-bander or mono-bander, but a guy-supported vertical would "just" make it. Actually, I did this for that particular reason :^).  
Oh -- and the rotor was frozen :^)

73rds and roger contacts all around (my new signature),

Randy AB5NI  
nop@swbell.net

-----  
Date: Fri, 18 Sep 1998 05:38:24 EDT  
From: CKolk@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [20429] fs Index Labs QRP+  
Message-ID: <3804dc80.36022a10@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi and thanks for reading this post. I have an original QRP+ for sale. I purchased this rig new, have original packing and documentation. Condition is excellent. Has built in keyer, up to 7W on CW. Variable bandwidth filter. Low power consumption. Small size and well built. I am asking \$350.00 plus shipping.  
73, Craig W1ZN (802-878-1022)

-----  
Date: Fri, 18 Sep 1998 07:35:20 -0400  
From: "W. Kimura" <w.kimura@valley.net>  
To: qrp-1@Lehigh.EDU  
Subject: [20430] RE: Am audio - REALLY  
Message-ID: <199809181135.HAA12486@orford.valley.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:56 AM 9/17/98 -0500, you wrote:

>  
>> What do you get when you suppress the  
>> carrier of FM -  
>>  
>  
>Dead air... The only thing in a FM signal is  
>carrier. Yes there are a infinite number of  
>"sidebands" depending on the exact frequency  
>of the carrier frquency at any instant but  
>the concept of "SSB" FM is unworkable.

>

>How about suppressed deviation? Might conserve spectrum.

Kim Kimura, N1MVU

-----  
Date: Fri, 18 Sep 1998 08:20:34 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [20431] QF-1?  
Message-ID: <792a5b1b.36025012@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Someone had posted an Autec QF-1 for sale. Is it still available? (lost e-mail note)...Alan KB7MBI

-----  
Date: Fri, 18 Sep 1998 08:58:05 -0400  
From: "David Hurley, n2zhy" <n2zhy@amsat.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20432] Re: lids and pet peaves!!  
Message-ID: <360258DD.31889899@amsat.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

How much is a pet peave and where can I order one?

Are they good with kids?

What do they eat?

Are they affected adversely by sunlight and are they yr. 2000 modifiable?

Please reply directly. Thanks

Oh! What is the current demand, can I run them off a 7amp hr battery?



71

David,n2zhy  
Princeton,NJ

-----  
Date: Fri, 18 Sep 1998 09:16:54 -0400  
From: Greg Weinfurtner <gweinfurt1@ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [20433] Scout mod?  
Message-ID: <v03110701b2280d16b8aa@[132.235.81.2]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Can anyone let me know what the scout mod is? I have a 555 and I've gotten great reports on the audio, without any frequency shift in SSB. How-so-some-ever, I've not noticed any shift on CW, although I don't usually monitor myself on the other shack rig.

Thanks all!

```
***** Amateur Radio *****
*                                     <><                                     *
*      NN      N  SSSSSSS  8888888  0000000  Greg Weinfurtner      *
*      N N      N  S      8      8  0      0  9411 Kitty Ln.      *
*      N N      N  SSSSSSS  8888888  0      0  Athens, Ohio 45701  *
*      N N      N      S  8      8  0      0  U.S.A.   EM89WH      *
*      N      NN  SSSSSSS  8888888  0000000  DXCC WAS      *
*                                     *
*      "Can thou send forth lightnings that they may go and say    *
*      unto thee, 'Here we are?'" Job 38:35                        *
*                                     *
*      ns8o@qsl.net                                                  *
*      http://www.qsl.net/ns8o/index.html                          *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner                    *
*****
```

-----  
Date: Fri, 18 Sep 1998 09:39:02 -0400  
From: "Ed Hare, W1RFI" <ehare@arrl.org>

To: qrp-1@Lehigh.EDU  
Subject: [20434] Update on Zack Lau, W1VT  
Message-ID: <36026276.F4@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello, fellow QRPers,

I went to visit Zack last night in the hospital. He is still there, but still continues to improve. While there is no definite prognosis, he said that they may release him next week.

For those who might imagine the worst, the following report may offer the best insight to how he is doing. His weakness is in his right side, and he is, unfortunately, right handed. We had brought him a keyer a few days ago and, with his "weak" side, he is able to accurately handle about 20 wpm. :-) As I said, he is continuing to improve. :-)

He is in reasonable spirits, why, he even laughed at most of my jokes. Come to think of it, I can't recall Zack ever smiling quite as much as he did when I brought him about 1.5 inches of printed email get-well greetings. The support of hams around the world has meant a lot to him, I am sure. If you want to send him an email, send it to w1vt@arrl.org. I will print it and make sure that he gets it. Cards mailed to him here at HQ will also be delivered.

We don't know when we will have him back in the Lab, but we are all, along with Zack, concentrating on his recovery first. He is a dear friend and respected colleague of all who work here, especially in the ARRL Lab.

72, Ed, W1RFI  
ARRL Lab Supervisor

-----  
Date: Fri, 18 Sep 1998 08:34:29 -0500 (CDT)  
From: John Bohnert <johnb@elmhurst.edu>  
To: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20435] Re: RX Noise Bridges - Did you know...  
Message-ID: <Pine.SV4.3.96.980918082946.14040A-100000@elmhcx9.elmhurst.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would urge you to "write up something that deals with RX noise bridges, their construction, calibration, and use." Through Elmer 101 I have become very familiar with a SW40+, its care and feeding, and would like to move to a greater understanding of the all important antenna system for our QRP rigs. I would suggest some attention be given to the 'theory' of operation of the RX bridge.

72 N9KW John QRP-L 1257 NORCAL Elmhurst, IL

-----  
Date: Fri, 18 Sep 1998 08:44:43 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: <ARDUJENSKI@aol.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [20436] RE: Gel Cell  
Message-ID: <19980918134442660.AAA261@muenzlerk>

They work just fine, a little heavy to be toting around though.

I use a little 4.5Ah battery that lasts for HOURS.

Kevin, WB5RUE

> -----Original Message-----  
> From: owner-qrp-1@Lehigh.EDU  
> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
> ARDUJENSKI@aol.com  
> Sent: Thursday, September 17, 1998 11:24 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: Gel Cell  
>  
>  
> I noticed in SEARS the large capacity gell cells for wheel  
> chairs. They were  
> all over 20 amphours. It seems these would give good service.  
> Anybody had  
> experience with them? Alan KB7MBI  
>  
>

-----

Date: Fri, 18 Sep 1998 08:38:56 -0700  
From: Charles Kadesch <chas@digizen.net>  
To: qrp-1@Lehigh.EDU  
Subject: [20437] Re: Scout Mod / Hints & Kinks  
Message-ID: <36027E90.329@digizen.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Can anyone relate the Hints & Kinks (14th ed) entry to a QST issue?  
(I assume the H&K books are still compiled from published QST H&K's)  
-TNX/72 de Chas W3KC-

-----  
Date: Fri, 18 Sep 1998 10:14:45 -0700  
From: ka1iic <ka1iic@ime.net>  
To: Randy Jouett <nop@swbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20438] Re: Am audio - REALLY  
Message-ID: <36029505.360F@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Nice try Randy,

But a couple of times I've seen these things turning... chasing flies,  
kicking tires and discussing the state of the union... any way

73  
Vince  
ka1iic  
-.-.

Randy Jouett wrote:

>  
> >Hi Red,  
> >  
> >I don't know about pointing the beam with the wind but I've seen more  
> >that one 5/8 ground plane with rotors on them... figure that one out...  
> >  
> >Vince

> >kaliic  
>  
> I'll give it a shot :^). How about this: they had an old TV antenna, ditched it  
> when they got cable TV, and placed a vertical on the rotator because it had  
> all of the necessary mounting equipment was built in. That is, decent a decent  
> pair of U-Bolts and a solid foundation. Also, since it was for TV originally,  
> it wasn't strong enough to hold a tri-bander or mono-bander, but a guy-supported  
> vertical would "just" make it. Actually, I did this for that particular  
reason :^).  
> Oh -- and the rotor was frozen :^)  
>  
> 73rds and roger contacts all around (my new signature),  
>  
> Randy AB5NI  
> nop@swbell.net

-----  
Date: Fri, 18 Sep 1998 10:17:25 -0700  
From: kaliic <kaliic@ime.net>  
To: w.kimura@valley.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20439] Re: Am audio - REALLY  
Message-ID: <360295A5.3802@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

if you suppress the deviation you'll get AM....

Vince

W. Kimura wrote:

>  
> At 10:56 AM 9/17/98 -0500, you wrote:  
> >  
> >> What do you get when you suppress the  
> >> carrier of FM -  
> >>  
> >  
> >Dead air... The only thing in a FM signal is  
> >carrier. Yes there are a infinite number of  
> >"sidebands" depending on the exact frequency  
> >of the carrier frquency at any instant but

> >the concept of "SSB" FM in unworkable.  
> >  
> >How about suppressed deviation? Might conserve  
> spectrum.  
>  
> Kim Kimura, N1MVU

-----  
Date: Fri, 18 Sep 1998 07:25:06 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: erics@elecraft.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20440] Re: New Internal Pictures of K2 Tranceiver  
Message-ID: <36020AD2.764AD0C7@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks, Eric.

Nice looking setup, folks. I'd be interested in hearing from the field testers as they build 'em up. Sort of whet the appetite, you know.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

-----  
Date: Fri, 18 Sep 1998 09:31:43 -0600 (MDT)  
From: marion@montana.com  
To: qrp-l@Lehigh.EDU  
Subject: [20441] K2  
Message-ID: <199809181531.JAA23255@paw.montana.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Nice pictures of K2 chassis at their website. Anticipation is brewing. Hope they are available soon. Roy AB7CE

-----

Date: Fri, 18 Sep 1998 07:50:07 -0700 (PDT)  
From: Paul Erickson <paule@sfu.ca>  
To: qrp-1@Lehigh.EDU (qrp)  
Subject: [20442] Mike Bryce's email address?  
Message-ID: <199809181450.HAA01848@fraser.sfu.ca>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I managed to lose the message about the controllers that Mike was beta testing. Can someone help me out with his address?

cheers, Paul VE7CQK/email: paule@fraser.sfu.ca

-----  
Date: Fri, 18 Sep 1998 09:48:42 -0500  
From: Tim Billingsley <kd5ckp@bellsouth.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20443] Code Short hand - LIST ATTACHED  
Message-ID: <360272CA.336E@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

>  
> Okay, from what I'm hearing here, most people that learn the code these  
> days do it with tapes or computer programs that don't teach short hand. In  
> fact, I don't know if I've ever seen a published list of common  
> abbreviations. So, the first time a new op encounters it is on the air, and  
> go "say what?"

Ok at the bottom of this I have attached the "List" my YF was kind enough to key in for us all from the pages of "Ham Radio Horizons" magazine. It is not a verbatim list as some codes were listed together seperated by commas, but I wanted to beable to sort the list by abrv. or meaning. I was goinfg to serpearte the meanings as well but that would probably cause too much redundancy within the list, we all have our own way of saying things. You can modify it to suit you own taste.

>  
> So, if one answers a CQ and the operator (op) dosen't use short hand,  
> should one reply in kind, or use short hand and hope they catch on?

>

> Catch 22: if you reply in kind, they never learn the short hand. If you use  
> short hand, they may not understand. Or, does it just mean thier using a  
> keyboard, where it's easy to spell it all out and use periods.

IMHO if you use short hand you should be prepared to explain it the the  
inexperienced op. you know that Elmer thingy.

I wouldn't say flood the QSO with it, but if you discover that they  
aren't aware of it break 'em in a little.

I would appreciate seeing the short hand that is use, but not included  
here

If you have anything to add please send it to me. I will be keeping a  
seperate list of the "new" ones.

#### SOME SILLY Q SIGNALS

QLF SENDING WITH YOUR LEFT FOOT  
QLZ LAZY OPERATOR  
QMT MAIL YOUR TRAFFIC  
QQQ CLEAN YOUR ANTENNA

#### CW Shorthand

ABT ABOUT  
AGN AGAIN  
ANI ANY  
ANT ANTENNA  
AR END OF MESSAGE  
AS WAIT A MOMENT  
B4 BEFORE  
BALUN BALANCED TO UNBALANCED  
BC BROADCAST  
BCNU BE SEEIN' YOU  
BFO BEAT FREQUENCY OSCILLATOR  
BGN BEGIN  
BK BREAK, BACK  
BKG BREAKING, BACKING  
BKR BREAKER  
BN BEEN, BETWEEN  
BT DASH, LONG BREAK  
C YES, CORRECT  
CFM CONFIRM  
CK CHECK  
CKT CIRCUIT  
CL CLOSE (CLOSING STATION)  
CLG CALLING  
CLIX CLICKS  
CLR CLEAR



CNDX CONDITIONS  
COZ BECAUSE  
CPI COPY  
CQ GENERAL CALL TO ANY STATION  
CUAGN SEE YOU AGAIN  
CUD COULD  
CUDNT COULD NOT  
CUL SEE YOU LATER  
CUM COME  
CUPLA A COUPLE OF  
CUZ BECAUSE  
CW CONTINUOUS WAVE  
DA DAY  
DBL DOUBLE  
DE FROM  
DIF DIFFERENCE  
DLR DELIVER, DEALER  
DN DOWN  
DNT DO NOT  
DR DEAR, DOCTOR  
DSNT DOES NOT  
DUNNO I DON'T KNOW  
DX DISTANT OR RARE STATION  
EL ELEMENT  
EM THEM  
ENI ANY  
ER ?  
ERE HERE  
ES AND  
ETA ESTIMATED TIME OF ARRIVAL  
FB FINE BUSINESS  
FD FIELD DAY  
FER FOR  
FLD FIELD, FILED  
FLR FLOOR  
FM FROM, FREQUENCY MODULATION  
FND FRIEND, FIND, FOUND  
FNI FUNNY  
FQ FREQUENCY  
FREQ FREQUENCY  
FWD FORWARD  
GA GO AHEAD, GOOD AFTERNOON  
GB GOODBYE  
GD GOOD, GOOD DAY  
GESS GUESS  
GG GOING  
GL GOOD LUCK  
GLD GLAD

GN GOODNIGHT, GONE  
GND GROUND  
GNG GOING  
GOTTA GOT TO, MUST  
GP GROUP, GROUND PLANE  
GUD GOOD  
GV GIVE  
GVG GIVING  
HD HAD  
HDG HEADING  
HI HIGH, LAUGHTER  
HPE HOPE  
HPG HOPING  
HPI HAPPY  
HPN HAPPEN  
HQ HEADQUARTERS  
HR HERE  
HRD HARD, HEARD  
HRG HEARING  
HV HAVE  
HVG HAVING  
HVI HEAVY  
HVNT HAVE NOT  
HW HOW  
INFO INFORMATION  
K GO AHEAD, "PLEASE ANSWER"  
KA ATTENTION  
KLIX CLICKS  
KN GO AHEAD BUT ONLY THE STATION CALLED  
KNW KNOW  
LK LOOK, LIKE  
LKG LOOKING  
LL LAND LINE (TELEPHONE)  
LNG LONG  
LOTSA LOTS OF, MANY  
LP LONG PATH  
LSN LISTEN  
LTR LETTER  
LUV LOVE  
LV LEAVE  
LW LONG WIRE, LOW  
MAG MAGAZINE  
MGR MANAGER  
MI MY  
MIC, MIKE MICROPHONE  
MIL MILLIAMPERE  
MILL TYPEWRITER  
MIN MINUTE, MINIMUM

MINI MANY  
MK MAKE, MARK  
MNG MORNING, MEANING  
MSG MESSAGE  
N NO, NINE  
ND NOTHING DOING  
NG NO GOOD  
NIL NOTHING  
NR NEAR, NUMBER  
NVR NEVER  
NW NOW  
OB OLD BOY  
OC OLD CHAP  
OM OLD MAN  
OP OPERATOR  
OPTR OPERATOR  
OT OLD TIMER  
PA POWER AMPLIFIER  
PD PERIOD, PAID  
PKG PACKAGE  
PLS PLEASE  
PSD PLEASED  
PSE PLEASE  
PSN POSITION  
PT PART, POINT, PLATE  
PWR POWER  
R RECEIVED, ROGER, OK, YES  
RCD RECEIVED  
RCVR RECEIVER  
RDI READY  
RDO RADIO  
RE CONCERNING  
REG REGULATION  
RIG EQUIPMENT, STATION  
RM ROOM  
RNG RUNNING  
ROCK CRYSTAL  
RPT REPEAT, REPORT  
RST READABILITY, STRENGTH, TONE  
RX RECEIVE, RECIEVER  
SA SAY  
SAE SELF-ADDRESSED ENVELOPE  
SASE SELF-ADDRESSED STAMPED ENVELOPE  
SB, SSB SINGLE SIDEBAND  
SED SAID  
SEZ SAYS  
SG SIGNAL, SIGNATURE  
SGD SIGNED

SHUD SHOULD  
SIG(S) SIGNAL(S)  
SK SIGNING OFF  
SKED SCHEDULE  
SN SOON  
SRI SORRY  
SS SWEEPSTAKES  
STN STATION  
SU SEE YOU  
SUM SOME  
SVC SERVICE  
SW SWITCH, SHORT WAVE  
SX \$  
T ZERO  
TBL TROUBLE  
TFC TRAFFIC, MESSAGES  
THR THERE  
TMW TOMORROW  
TNG THING, TUNING  
TNK THINK  
TNKS THANKS  
TNX THANKS  
TRBL TROUBLE  
TT THAT  
TU THANK YOU  
TV TELEVISION  
TVI TV INTERFERENCE  
TWR TOWER  
TX TRANSMIT, TRANSMITTER  
U YOU  
UR YOUR  
URS YOURS  
UT UNIVERSAL TIME, GMT  
UTC UNIVERSAL TIME, GMT  
VA SIGNING OFF  
VERT VERTICAL  
VFB VERY FINE BUSINESS  
VFO VARIABLE FREQUENCY OSCILLATOR  
VOX VOICE OPERATED SWITCH  
VY VERY  
W WATT  
WAT WHAT  
WATSA WHAT SAY  
WD WORD  
WID WITH  
WK WEAK, WORK, WORKING  
WKG WORKING  
WT WATT

WX WEATHER  
XMTR TRANSMITTER  
XTAL CRYSTAL  
XYL EX YOUNG LADY (WIFE)  
YF WIFE  
YL YOUNG LADY  
YR YOUR  
Z "ZEBRA" OR "ZULU" TIME, UT, GMT  
ZILCH NOTHING  
ZIP NOTHING

I will also put a copy of this file on my FTP. EXCEL as well as .txt. If another format is what you need I will try to help you out.

My mail at home is messed up and I received several messages that "Disappeared!!" last night so if I owe any of you a response please send it again.

God bless es 73  
Tim

--

\*\*\*\*\*  
\* Tim Billingsley KD5CKP FISTS #5201 Tech+ es hooked on CW  
\* 15 Meter Slo-Chat >>>-> <http://www.qsl.net/kd5ckp/slo-chat.htm>  
\*\*\*\*\*

-----  
Date: Fri, 18 Sep 1998 08:57:37 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-1'" <qrp-1@Lehigh.EDU>  
Subject: [20444] the big one  
Message-ID: <01BDE2E2.63A9CA80.bmug@gwl.com>

OK, so I'm behind in my reading. If you want to play with your microwave put some marshmallows in it - the small ones work great. Spread them around and set your cool level on medium. Play with the different heating levels and see if you can tell what's going on.

This is a great way to see if you microwave has dead spots.

de KB0ROL, Brad

-----  
Date: Fri, 18 Sep 1998 08:59:36 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-1'" <qrp-1@Lehigh.EDU>  
Subject: [20445] LY Hams  
Message-ID: <01BDE2E2.AA148640.bmug@gwl.com>

My first HF contact (CW of course) was with a YL. I believe I've exchanged 73 with quite a few.  
de KB0ROL, Brad

As a matter of fact I believe I've had better luck picking up women on the radio than I did in school.

-----  
Date: Fri, 18 Sep 1998 09:01:47 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'mikemo@ibm.net'" <mikemo@ibm.net>  
Cc: "'qrp-1'" <qrp-1@Lehigh.EDU>  
Subject: [20446] striping house wire  
Message-ID: <01BDE2E2.F8437A60.bmug@gwl.com>

Mike,

I usually slice a few inches - the long way (with the wire) and then grab the insulation with some vice grips. Put the other end in a vice (or other vice grips and have someone hold it) and pull. You can strip hundreds of feet this way, real easy.

de KB0ROL, Brad

-----  
Date: Fri, 18 Sep 1998 11:21:51 -0400  
From: Tom Cooper <cooper@gmpvt.com>  
To: qrp-1@Lehigh.EDU  
Subject: [20447] WTB: BC-906 freq meter  
Message-ID: <3.0.5.32.19980918112151.007d38e0@web.gmpvt.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi!

You may have one (or more) of these kicking around, waiting for adoption. Well, now's your chance!

Any model, any condx, any where.

Thanks and 72,

Tom W1EAT  
cooper@gmpvt.com

-----  
Date: Fri, 18 Sep 1998 19:10:59 +0300  
From: pabraham@NOKNHM01DA.ntc.nokia.com (Abraham Peter NTC/Dallas)  
To: qrp-1@Lehigh.EDU (Low Power Amateur Radio Discuss)  
Subject: [20448] RE: RS clearance items  
Message-ID: <1998Sep18.182630.1935.285882@ntcit-mmta18.ntc.nokia.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

>I was just allowed to look at a list of RS clearance items. The current  
>list is some 1200 items long!

>Rod Johnson KA7YOU from CN97ak near Issaquah, Wa. 160M thru 1296 MHz  
>(3456MHz still in the wings)

Do I go to my local radio shack and is it on clearance.  
( If yes, guess where I am going for lunch ;)  
or do I need to call some 1-800 number,

Thanks,

-Peter

--

Peter C. Abraham - KB2INO | 1-972-894-5932 voice  
RF Engineer | 1-972-894-5874 fax  
Nokia Telecommunications | peter.abraham@ntc.nokia.com

<><

-----  
Date: Fri, 18 Sep 1998 11:26:59 -0500  
From: Tim Billingsley <kd5ckp@bellsouth.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20449] RS HTX 204 dual band  
Message-ID: <360289D3.6D37@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The HTX 204 dual band HT is at \$50.

So who can get their hands on one? There is not one in my entire RS district. Been looking for a deal and I think that would fit the bill.

Sorry for the BW but it started here. :)

73  
Tim

--

\*\*\*\*\*  
\* Tim Billingsley KD5CKP FISTS #5201 Tech+ es hooked on CW  
\* 15 Meter Slo-Chat >>>-> <http://www.qsl.net/kd5ckp/slo-chat.htm>  
\*\*\*\*\*

-----  
Date: Fri, 18 Sep 1998 11:32:40 -0500  
From: Mike Souhrada <wb9iog@revealed.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20450] Re: RS clearance items-Post Correction  
Message-ID: <36028B28.67BB@revealed.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Mike Souhrada  
Well I guess when you reach the age of 39 (And Holding, Jack Benny style)



your mind slips out of sync.

One of the list members suggested I run it into a dummy which I did. Think the dummy was on the key side of the transmitter. My mind expected an analog reading 1/4 scale @20Watts -right? Well its working fine  
need new glasses as it's showing 5 Watts now and the OHR is working perfectly. Just didn't really SEE the scale correctly.

BTW noticed the post on the RX bridge I got a nice Palomar R-X FS if anyone  
would like it. Small manual incl. Got the MFJ 259 recently and will not need the Palomar now.

Mike  
Le Claire, Ia  
Now on 40 mtr QRP! WB9IOG

> You brought to mind a post of mine made earlier this month when I  
> purchased  
> the R/S 21-524 SWR/power meter for about \$15.  
> I got it primarily for the 20watt range for QRP measurements which I've

> Mike  
> Le Claire, Ia

-----  
Date: Fri, 18 Sep 1998 12:26:55 -0400  
From: w4bws@juno.com (Donald E Sanders)  
To: w.kimura@valley.net  
Cc: qrp-l@Lehigh.EDU  
Subject: [20451] Re: Am audio - REALLY  
Message-ID: <19980918.123901.3662.1.w4bws@juno.com>

Maybe you discovered a new mode of communications.  
Zero bandwidth AM. Interrupt the carrier periodically and it will be modulated continuous carrier. Just reduce the carrier to 5 watts or less and you can call it QRP.  
Donald Sanders W4BWS  
W4BWS@juno.com  
My favorite QRP rig glows in the dark

On Fri, 18 Sep 1998 07:35:20 -0400 "W. Kimura" <w.kimura@valley.net> writes:

>At 10:56 AM 9/17/98 -0500, you wrote:  
>> What do you get when you suppress the carrier of FM -  
>>>Dead air... The only thing in a FM signal is carrier.

Might conserve spectrum.

>  
>Kim Kimura, N1MVU  
>  
>  
>

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Fri, 18 Sep 1998 11:55:17  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [20452] TTF, ready or not..  
Message-ID: <3.0.3.16.19980918115517.11f70dcc@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hey, I'm getting Jazzed up for this one! My first field operating event :-)  
Everything is falling into place, even the Gel Cell finally showed up today!  
Wx looks like it will be perfect, a good sign.

Antenna tests out good, rig works well at 12.5 volts, got new 30.06 sling  
shot, LEDkeyer is all programmed, looks like I'm good to go...

Hope to see y'all on 20M between 20:00 and 23:00 Z.

72,  
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Fri, 18 Sep 1998 11:29:30  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-1@Lehigh.EDU  
Subject: [20453] Vertical question  
Message-ID: <3.0.3.16.19980918112930.11f74108@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I spent a good part of last night A-Bing the simple three wire vertical mounted near the ground with the G5RV about 25 ft in the air. What a difference! In almost all cases, the vertical won hands down. In fact, I could hear signals on the vertical that I could not hear on the G5RV (like KC4AAA at the south pole!) Even had a nice rag chew with a cw mobile in Wisconsin on the vertical. (this is 20 M, BTW)

So, now I'm Jazzed about verticals!

I'm thinking a three band trap vertical for 20, 17 and 15 would be nice to have. Anyone have any plans for such a trap vertical? Or a way to design one with a fancy computer program? Hate to do it cut and try if I don't have too, why reinvent the wheel? The books I have show some examples, but leave much to the imagination on how to design the traps...

I'd like a perminate mount one made of aluminum tubing.

Thanks for any info..

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

-----  
Date: Fri, 18 Sep 1998 10:58:55 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-l@Lehigh.EDU, cqclist@mtechnologies.com,  
Morse.Express.Clients@edison.chisp.net, Morse.Express.Clients@edison.chisp.net  
Subject: [20454] New Keys from Morse Express  
Message-ID: <199809181657.KAA10818@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Morse Express has the following new products in stock and available for immediate delivery:

>From G4ZPY--

We got our first shipment of keys and paddles from Gordon, G4ZPY, and they are breathtaking! We're starting with five different models and will add to the line as time goes by. Photos are available on the web site at <http://www.MorseX.com/g4zpy>, or feel free to call for more information.

Here's what we have--

#1 Brass Pump Key on Lake Stone Base - \$99.95

#14 Single Lever Deluxe Paddle - \$169.95

#19 Deluxe Standard Twin Paddle (brass) - \$189.95

#41 VHS Twin Paddle (nickle) - \$239.95

#56 Three-in-one Mini Paddle - \$199.95

Also just in from Schurr Morsetasten:

The Mahogany key -- \$299.95

Picture available at <http://www.MorseX.com/schurr>

And from Wm Nye Co--

The Nye 330C-001 Chrome Master Key - \$139.95.      Picture available  
at <http://www.MorseX.com/nye>

And coming soon-- the GHD paddles and bugs have been shipped from  
Japan and should arrive next week!

You can use our secure ordering facilities on the web site, or call  
(800)238-8205 toll free to order by phone, or (303) 752-3382 for more  
information.

-----  
Date: Fri, 18 Sep 1998 13:14:33 -0700  
From: kaliic <kaliic@ime.net>  
To: w4bws@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20455] Re: Am audio - REALLY  
Message-ID: <3602BF29.51C0@ime.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Now your talking, minimal bandwidth and maximum coverage sounds like the  
solution to our over crowded bands I wonder what we'll call it...

Vince  
ka1iic  
-.-.

Donald E Sanders wrote:

>  
> Maybe you discovered a new mode of communications.  
> Zero bandwidth AM. Interrupt the carrier periodically and it will be  
> modulated continuous carrier. Just reduce the carrier to  
> 5 watts or less and you can call it QRP.  
> Donald Sanders W4BWS  
> W4BWS@juno.com  
> My favorite QRP rig glows in the dark  
>  
> On Fri, 18 Sep 1998 07:35:20 -0400 "W. Kimura" <w.kimura@valley.net>  
> writes:  
> >At 10:56 AM 9/17/98 -0500, you wrote:  
> >> What do you get when you suppress the carrier of FM -  
> >>>Dead air... The only thing in a FM signal is carrier.  
>       Might conserve spectrum.  
> >  
> >Kim Kimura, N1MVU  
> >  
> >  
> >  
> >  
>  
> -----  
> You don't need to buy Internet access to use free Internet e-mail.  
> Get completely free e-mail from Juno at <http://www.juno.com>  
> Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Fri, 18 Sep 1998 13:25:22 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: kd5ckp@bellsouth.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20456] Re: RS HTX 204 dual band  
Message-ID: <36029782.13932063@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Tim Billingsley wrote:

>

> The HTX 204 dual band HT is at \$50.

I think that one is a typo. There are none of these radios anywhere near me. They were closed out in March of this year. The price, if you find one, according to all the RS folks I talked to is \$139.97. Not \$50, but still quite a bargain. BTW, I did ask a lot of questions and no one was aware of the lower price (it does seem a bit "too good to be true").

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

-----  
Date: Fri, 18 Sep 1998 12:29:38 -0500  
From: Tim Billingsley <kd5ckp@bellsouth.net>  
To: mikemo@ibm.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20457] Re: RS HTX 204 dual band  
Message-ID: <36029881.D01@bellsouth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

according to all the RS folks I talked to is \$139.97. Not \$50, but  
> still quite a bargain. BTW, I did ask a lot of questions and no one was  
> aware of the lower price (it does seem a bit "too good to be true").

I kinda figured as much. Although I have gotten some incredible deals in their closeouts. Thanks for checking.

Well back to the drawing board. I need to work on my copy anyway. hihi  
Once again excuse the BW folks.

73  
Tim

--

\*\*\*\*\*  
\* Tim Billingsley KD5CKP        FISTS #5201     Tech+ es hooked on CW  
\* 15 Meter Slo-Chat >>>->   <http://www.qsl.net/kd5ckp/slo-chat.htm>  
\*\*\*\*\*

-----

Date: Fri, 18 Sep 1998 17:34:32 GMT  
From: nhoop@centuryinter.net (N H)  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20458] Re: RS clearance items  
Message-ID: <360d9873.19936691@mail.ot.centuryinter.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>....the RS 1 to 1300MHz Frequency counter is now listed at \$29.95.

Unfortunately, there's a problem with this. As soon as I read the above, I called the local RS store and was told, (nicely) "Good luck!" He said discontinued item prices only get that low when they are virtually impossible to find. BTW: that's the old model, now replaced by a new one.

Tell you what; If anyone can get me one, I'll pay you \$35 for it plus shipping. No, I'm not chincy, just broke(G).

72 Nat KM5QU  
Oxford AR

-----  
Date: Fri, 18 Sep 1998 13:20:44 -0400 (EDT)  
From: "Peter C. Wotherspoon" <Peter.C.Wotherspoon@hydro.on.ca>  
To: qrp-1@Lehigh.EDU  
Subject: [20459] Computer Osc. package  
Message-ID: <Pine.SUN.3.91.980918131809.9922D-100000@strong.Hydro.ON.CA>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all  
I'm looking at a 4 pin package from a computer board.  
1.8432 Mhz  
Is the freq. any good for 160 mtrs.  
Any ideas to put tank circuit on it, and whatever else to make it a QRPP.  
Which pins r which?  
- , + output?  
Thanks All  
PEter  
Ve3gyy  
Whitby on ca

-----  
Date: Fri, 18 Sep 1998 13:47:05 -0400 (EDT)  
From: George Gingell <k3tks@u1.abs.net>  
To: QRP List <qrp-l@Lehigh.EDU>  
Subject: [20460] Re: 5/8 GP on Rotor  
Message-ID: <Pine.BSI.3.96.980918133824.11883B-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

A question was asked about why in the world would anyone install a 5/8 Ground Plane on a Rotor?

The first thought that comes to mind, is that they no longer had a desire to watch TV, (White House Soap Opera, Etc.) and needed a place to hang the Ground Plane. Might as well use the existing support structure for something.

Besides, we never know what other benefits it might bring until we give it a try.

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@abs.net

-----  
Date: Fri, 18 Sep 1998 17:47:16 GMT  
From: nhoop@centuryinter.net (N H)  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [20461] MFJ SWR Analyzer  
Message-ID: <360e9bad.20762551@mail.ot.centuryinter.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

MFJ SWR Analyzer.

Where can I find the best price on one of these? It looks like a pretty handy tool to have around. MFJ lists it at \$250.

72 Nat KM5QU  
Oxford AR



-----  
Date: Fri, 18 Sep 1998 10:58:56 -0700  
From: dave\_epps@juno.com  
To: kd1jv@moose.ncia.net  
Cc: qrp-1@Lehigh.EDU  
Subject: [20462] Re: Vertical question  
Message-ID: <19980918.110926.3990.2.dave\_epps@juno.com>

What is "A-Bing"? I'm in the process of making the three wire vert. aka SLX (St. Louis Express). How high and how many radials did you use? I'm not an antenna expert. What about a multi-element , linear loaded vert with the St Louis radials.

I will give the 3 wire vert. element (28 awg ribbon) that is used for the SLX to anyone that wants to make it. "free" sase or pickup at Pacificon.  
Dave Epps  
1816 N.Vagedes  
Fresno, Calif. 93705-5143  
dave ab5pc calif.

On Fri, 18 Sep 1998 11:29:30 Steven Weber <kd1jv@moose.ncia.net> writes:  
>I spent a good part of last night A-Bing the simple three wire  
>vertical  
>mounted near the ground with the G5RV about 25 ft in the air. What a  
>difference! In almost all cases, the vertical won hands down. In fact,  
>I  
>could hear signals on the vertical that I could not hear on the G5RV  
>(like  
>KC4AAA at the south pole!) Even had a nice rag chew with a cw mobile  
>in  
>Wisconsin on the vertical. (this is 20 M, BTW)  
>  
>So, now I'm Jazzed about verticals!  
>  
>I'm thinking a three band trap vertical for 20, 17 and 15 would be  
>nice to  
>have. Anyone have any plans for such a trap vertical? Or a way to  
>design  
>one with a fancy computer program? Hate to do it cut and try if I  
>don't  
>have too, why reinvent the wheel? The books I have show some examples,  
>but

>leave much to the imagination on how to design the traps...  
>  
>I'd like a perminate mount one made of aluminum tubing.  
>  
>Thanks for any info..  
>Steve, KD1JV....In the White Mountains of New Hampshire  
>  
>"Melt Solder"  
>  
>

---

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Or call Juno at (800) 654-JUNO [654-5866]

---

Date: Fri, 18 Sep 1998 14:08:36 -0400  
From: "John J. McDonough" <jjmcd@tm.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [20463] QSL Program  
Message-ID: <199809181806.2503100@is1.tm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Well gang, still another version.

- Better buttons
- Yet enhanced help
- Remembers your call, address for new designs
- Can turn off info box (requested by OZ2ZB)
- Yet another sample

Available at <http://users.tm.net/jjmcd>

WA6CW reports a problem running the program on a 486. At this time it's not clear whether the problem is 486 related or something else. If anyone sees any errors about 'tooltip.cpp' I would appreciate hearing as I have been unable to reproduce this.

72/73 de WB8RCR  
didileydadidah

-----  
Date: Fri, 18 Sep 1998 14:13:32 EDT  
From: DYARNES@aol.com  
To: mgipe@reliablemeters.com, qrp-1@Lehigh.EDU  
Subject: [20464] Re: Catch 22 ??  
Message-ID: <14d6c3fb.3602a2cc@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 9/17/98 12:04:08 PM US Mountain Standard Time,  
mgipe@reliablemeters.com writes:

<< Ron, you have it exactly right. At average speeds, people copy the letters, and can easily make sense of abbreviations. At high speeds, you never distinguish the letters, but copy the each word or phrase as a unit. >>

Hi Mike,

I agree with both you and Ron. I'm not a speed demon either, but I am a 30+ wpm op and your assessment is right on the money from my viewpoint. I would add that people who can't space properly (or maybe "sufficiently" is a better word choice since spacing doesn't have to be perfect, necessarily, just adequate) really gum up the works at higher speeds. There is nothing less enjoyable for me than trying to interpret somebody's crappy spacing! It makes real work instead of fun out of the whole process.

72 de Dave W7AQK

-----  
Date: Fri, 18 Sep 1998 14:19:23 -0400  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: <qrp-1@blacksheep.org>, <klqrp@waterw.com>, <njqrp@njqrp.org>, <qrp-1@Lehigh.EDU>  
Subject: [20465] Thanks for the help re Kite-Supported Antennas  
Message-ID: <199809181818.NAA00952@dfw-ix16.ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Thanks to all those who responded to my questions regarding Kite-Supported Antennas. I'll be on the air next week from the Outer Banks of North Carolina -- if hurricane George stays away -- hope to work you all from there.

72/73,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,  
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 50/49 (no HI card yet)

WAC QRP W/C 6/4

WAS QRPp W/C 17/17 (250 milliwatts on a Pixie II / MRX-40 / Tick Keyer /40m dipole combo)

DXCC-Pixie W/C 002/002

"...the harder the conflict, the more glorious the triumph. That which we attain too cheap, we esteem too lightly." Thomas Paine, 12/23/1776

-----  
Date: Fri, 18 Sep 1998 11:45:07 -0700  
From: Vic Rosenthal <rakefet@rakefet.com>  
To: mgemm@mtechnologies.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20466] Re: New Keys from Morse Express  
Message-ID: <3602AA33.2AD48B7D@rakefet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Marshall Emm wrote:

>  
> #19 Deluxe Standard Twin Paddle (brass) - \$189.95  
>  
> #41 VHS Twin Paddle (nickle) - \$239.95

Marshall, not that I can afford one, but what's the difference between these (beautiful) models from a functional standpoint?

Vic, K2VCO  
Fresno CA

-----  
Date: Fri, 18 Sep 1998 12:59:59 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: Vic Rosenthal <rakefet@rakefet.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20467] Re: New Keys from Morse Express  
Message-ID: <199809181858.MAA14491@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Hi, Vic--

>.Marshall, not that I can afford one, but what's the difference  
between  
these (beautiful) models from a functional standpoint?  
<<

I know what you mean about affordability-- wish I could offer  
lower prices but the exchange rate isn't good and these  
things are expensive to start with.

Functionally the differences between the "standard" and  
"VHS" models are related to precision. There are some  
minor engineering differences (e.g. shape of the paddle  
levers and contacts) and the fingerpieces are different. The  
VHS is specifically optimized for high speed sending, and  
Gordon says it has been tested to 60wpm!

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
(303)752-3382

--

-----  
Date: Fri, 18 Sep 1998 15:18:20 -0400  
From: Michael Maiorana <mikemo@ibm.net>

To: Peter.C.Wotherspoon@hydro.on.ca  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20468] Re: Computer Osc. package  
Message-ID: <3602B1FC.1DBDF40@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Peter C. Wotherspoon wrote:

> I'm looking at a 4 pin package from a computer board.  
> 1.8432 Mhz

The following is assuming the part is a standard TTL oscillator. Looking at the top, with the dot at the lower left, the top left is +5 volts, the bottom right is ground, and the top right is the output. Probably a nice square wave around 4 volts peak to peak. The bottom left may be an enable pin, but I don't remember. Try and ground it and see if it stops oscillating (remember TTL inputs float high). If it is I guess you can use it as a key input.

--

72 de ku4qo  
Mike Maiorana  
Palm Harbor, FL

-----  
Date: Fri, 18 Sep 1998 20:32:35 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20469] Impressive YL Ham.  
Message-ID: <3602C363.5022@qsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

While doing research on Prosigns/Q and Z signals, I came across a YL's ham page. Very encouraging for those who've feared the code.

She's got a refreshing "CAN Do" attitude.

<http://www.hky.com/~sanfordb/samantha.htm>

Oh, check out these Humorous 'fun' Q signals:

<http://www.hky.com/~sanfordb/funqsignals.htm>

I know there are YL's and YM's out there and I  
congratulate all of you on your accomplishments.

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

-----  
Date: Fri, 18 Sep 1998 13:50:13 PDT  
From: "laura halliday" <marsgal42@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [20470] Re: Am audio  
Message-ID: <19980918205014.24635.qmail@hotmail.com>  
Content-Type: text/plain

You pays your money and you takes your bandwidth...the  
perceived inferior quality of "communications quality"  
audio is the result of the narrow bandwidth filters  
used in filter SSB rigs. There is nothing preventing  
us from making SSB rigs of any audio bandwidth we choose,  
nor is there anything preventing us from using DSB.

The latter is trivial to generate, simple to demodulate  
properly (e.g. squaring loop), and when demodulated pro-  
perly has power advantages over SSB. If you want SSB,  
either design all-pass or polyphase networks to cover  
whatever bandwidth you want, or do it properly with DSP,  
with an adaptive system that measures its own amplitude  
and phase imbalances, and then configures itself appro-  
priately. Commercial and military direct conversion  
SSB transeivers do this.

Nothing to it...

Or we could junk all this analogue stuff and transmit  
digital voice - everything from robotic-sounding but useful  
signals that could fit in HF bandwidths and be detected  
at really silly signal-to-noise ratios, up to CD quality  
sound.

Laura Halliday VE7LDH/3 "Que les nuages soient notre  
Grid: FN03gs pied a terre..."  
- Hospital/Shafte

-----

Get Your Private, Free Email at <http://www.hotmail.com>

-----  
Date: Fri, 18 Sep 1998 16:55:33 -0400  
From: E.Jessen@orion-consulting.com  
To: qrp-1@Lehigh.EDU  
Subject: [20471] FW: Computer Osc. package  
Message-ID: <0108CBA8F84AD011A5760800093961DD1D45B8@www.orion-consulting.com>  
MIME-Version: 1.0  
Content-Type: text/plain

The computer clock oscillators are a cheap, easy way to get a relatively stable oscillator. Frequency tolerance might not be as good as you would want, and I've never seen temperature coefficient data for them, but under controlled conditions, they should work. Be advised that the test conditions for these parts are usually a 400 ohm resistive load, so

be careful about loading. They are intended for normal use as a TTL compatible clock.

The four pins are only for mechanical stability. Only three are used. Power, ground, and output. Here's how the data sheet from ECS (see the DigiKey catalog at [www.digikey.com](http://www.digikey.com)) describes the pinout. First, turn the part upside down (so the pins are pointing towards you). Notice that one corner is NOT rounded. Orient the part so that the squared off corner is towards the upper left. Pin 1 is in the squared off corner. Now going clockwise around the base of the part, pin 7 is at the top right, pin 8 is at the lower right, and pin 14 is at the bottom left. Pin 1 is no connection, pin 7 is ground, pin 8 is the output, and pin 14 is +Vcc. Vcc should be 5VDC +/- 10%. Under rated load conditions, you will see a 2.5volt peak to peak, unipolar square wave at the frequency printed on the case.

In terms of Amateur Radio applications, we usually want a nice clean sinusoidal wave from our oscillators. To get this, remember that a square wave is the fundamental frequency and the sum of all its harmonics. So in order to get a clean sine wave out of this part, you will need a low pass filter to remove all the harmonic content from the waveform. The lowpass filter for the part you have, should have a cutoff frequency of about 1.9 MHz, and make sure you keep the input impedance of the filter around 400 ohms in the pass band.

Add a little buffering, and you should have a fairly nice oscillator.

73 de N8AUC



Eric

> -----  
> From: Peter C.  
> Wotherspoon[SMTP:Peter.C.Wotherspoon@hydro.on.ca]  
> Reply To: Peter.C.Wotherspoon@hydro.on.ca  
> Sent: Friday, September 18, 1998 1:20 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Computer Osc. package  
>  
> Hi all  
> I'm looking at a 4 pin package from a computer board.  
> 1.8432 Mhz  
> Is the freq. any good for 160 mtrs.  
> Any ideas to put tank circuit on it, and whatever else to make it a  
> QRPp.  
> Which pins r which?  
> - , + output?  
> Thanks All  
> PEter  
> Ve3gyy  
> Whitby on ca  
>

-----  
Date: Fri, 18 Sep 1998 16:59:17 EDT  
From: SABorns@aol.com  
To: qrp-1@Lehigh.EDU  
Subject: [20472] FS OHR-400/w KC-1  
Message-ID: <533363b5.3602c9a5@aol.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

Am selling Oak Hills Research 400 with KC-1 keyer/frequency counter installed.  
Have all manuals and in excellent condition. Price \$280 postpaid CONUS.

73, Steve K8IDN

-----  
Date: Fri, 18 Sep 1998 14:09:33 -0700

From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
To: "QRP-L list" <qrp-l@Lehigh.EDU>  
Subject: [20473] Radio Shack DX394 closeout  
Message-ID: <07dc01bde348\$a5275250\$140a0a0a@double\_trouble.reliablemeters.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang --

I had my eye on one of these Radio Shack DX394 short wave receivers for years, but I could never justify the cost when I had perfectly good ham quality receivers at home. When I saw the earlier post about them being closed out at a bargain price, I figured that this was my last chance to make up my mind.

I dropped into the local RS at lunch and inquired. The salesman knew exactly what I was asking about (!) and said he only had one left. He looked it up on his computer and said that there were only eight left in the entire region. Needless to say, I took it.

My office is nestled in a small canyon below a 2000 ft mountain range, so I didn't expect to hear much with the two foot extending whip antenna. Nevertheless, the AM band was alive and sounded great. Of course, the only stations on were Chinese, Spanish, and Limbaugh language. I'll have to move up to Radio Beijing in the SW bands to hear English in this area. I checked the specs in the manual which is fairly complete, and found the claim of 0.1 uV sensitivity. Never one to trust the manual, I hooked up my trusty HP8640B and made a cheap and dirty MDS measurement (Mike's detectable signal). I could find and easily tune a signal at 14.060 MHz down to -137 dBm. This is pretty good for the price. The spec says the CW and SSB bandwidth is 15 kHz, but I think this is a misprint. It appears that the AGC is working on the first IF which is about 4.7 kHz wide, but there is additional filtering for SSB and CW. It also sounds like an audio filter is switched in for CW giving a bandwidth of about 500 Hz, but with fairly wide skirts. It is semi-single signal. Probably ceramic filters. All in all, not bad for \$160. Maybe if I put a decent 455 kHz collins filter.....

Now, where can I pick up one for my daughter? hmmm...

Mike K1MG

-----  
Date: Fri, 18 Sep 1998 16:35:36 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [20474] Fox season  
Message-ID: <19980918213538220.AAA208@muenzlerk>

I know I already asked this and some answered....  
Hard disk crash....

When does Fox Season start? and  
What are the rules?

thanks

Kevin

-----  
Date: Fri, 18 Sep 1998 16:38:15 -0500  
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>  
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>  
Subject: [20475] Fox Season  
Message-ID: <19980918213816501.AAA143@muenzlerk>

Please forgive me for asking again...  
When does fox season start and what are the rules.

Kevin

-----  
Date: Fri, 18 Sep 1998 17:43:27 -0400  
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>  
To: <kd1jv@moose.ncia.net>, <qrp-l@Lehigh.EDU>  
Subject: [20476] Re: Simple wire vertical  
Message-ID: <199809182142.QAA19439@dfw-ix4.ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Steve -- KD1JV:

I use a similar portable antenna -- but with 12 radials. I hoist up the radiator until the radials are at 135 degrees to it -- the bottom of the radiator is then about 13' off the ground -- makes the impedance pretty close to 50 ohms. Takes a while to set up but works good. Got AK and the UK with my 2 watt SST from here in the VA suburbs of DC. When I get the time I'll cut 8 more radials -- I recall one of Doug DeMaw's suggesting 20 but can't find it right now.

72/73,

Jake [N4UY] Vienna, VA (Washington DC suburbs)

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,  
NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 50/49 (no HI card yet)  
WAC QRP W/C 6/4  
WAS QRPp W/C 17/17 (250 milliwatts on a Pixie II / MRX-40 / Tick Keyer /40m dipole combo)  
DXCC-Pixie W/C 002/002

"...the harder the conflict, the more glorious the triumph. That which we attain too cheap, we esteem too lightly." Thomas Paine, 12/23/1776

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Date: Fri, 18 Sep 1998 17:49:12 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: Kevin Muenzler WB5RUE <wb5rue@stic.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [20477] FOX: Fox Season  
Message-ID: <Pine.OSF.3.95.980918174506.2721D-100000@vela.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 18 Sep 1998, Kevin Muenzler WB5RUE wrote:

> When does fox season start and what are the rules.

First Fox is October 7th 1998.

All rules and details will follow shortly - please forgive the delay here gang, my dad had a stroke two days ago and it's been a circus around here. He is in pretty good shape - can't speak much but fully understands what's going on and he has almost no loss of muscle control - except for speaking! Your prayers and patience appreciated.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics

<<http://www.acs.oakland.edu/~prvalko>>

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Date: Fri, 18 Sep 1998 15:00:34 +0000  
From: Roger Hightower <n7kt@earthlink.net>  
To: jjmcd@tm.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20478] Re: QSL Program  
Message-ID: <36027592.294F5BC9@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I've been using Microsoft Publisher to generate QSL cards, and while it does a very good job, it's really "labor intensive". Not much fun for just whipping a few cards out for casual contacts.

Soooo, I tried this one. Neat! It's fairly easy to figure out, and with a minimum of effort you can have good cards, semi-customized for any occasion....just use the extra areas set aside for that.

Nice going, John. This is a nifty little utility program.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

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Date: Fri, 18 Sep 1998 22:20:37 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [20479] On-Line Telegraphy Book. Read it and Reap!  
Message-ID: <3602DCB5.128C@qsl.net>

Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

<http://www.joates.demon.co.uk/megs/NOHFF/contents.htm>

A nice find!

See ya'll and please send email to [we6w@juno.com](mailto:we6w@juno.com) because  
it looks like [qsl.net](http://www.qsl.net) email down???

-Ed

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

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End of QRP-L Digest 1218

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